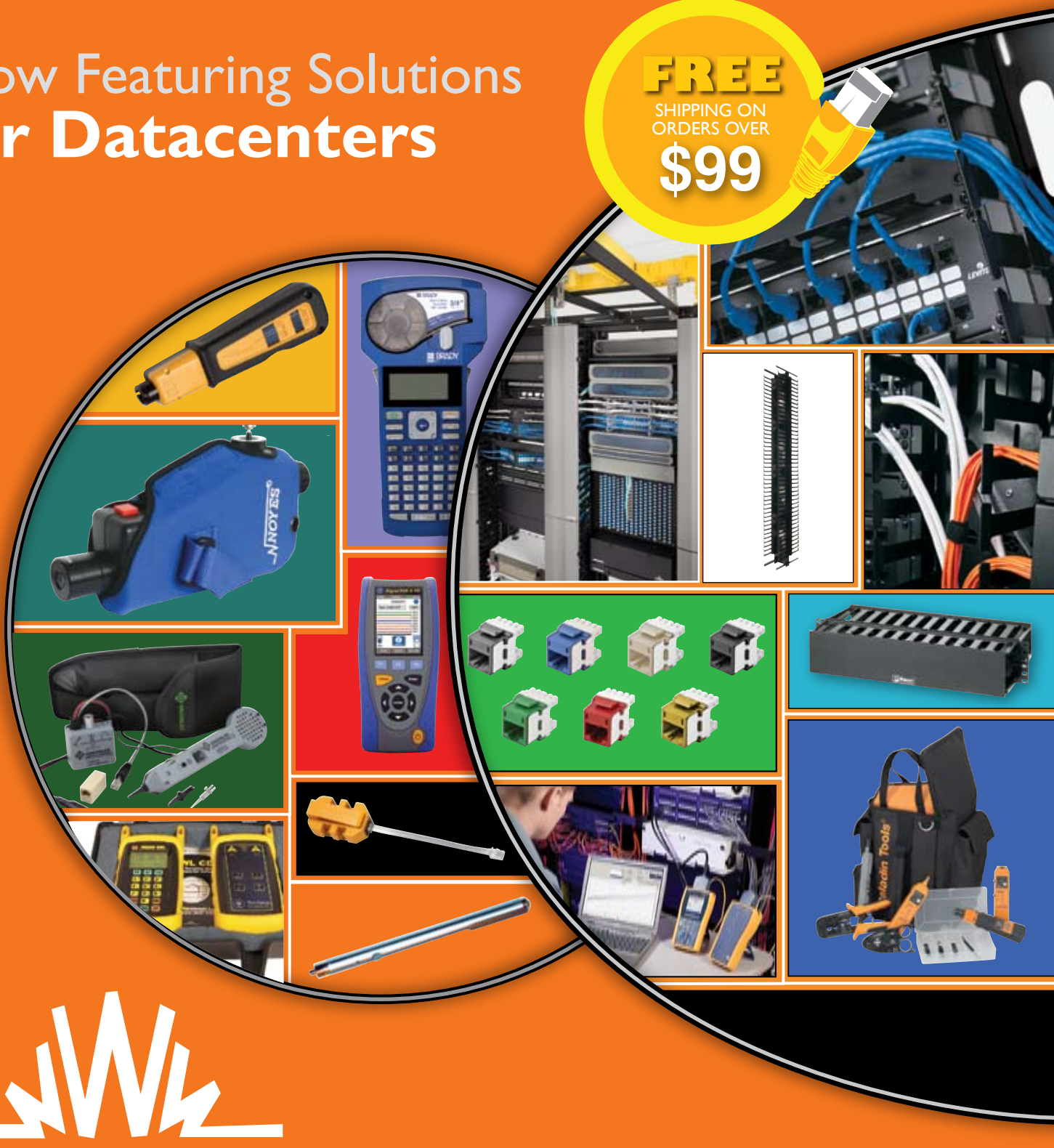
Datacomtools.com™

The Web's Best Source for Telecom Tools and Testers

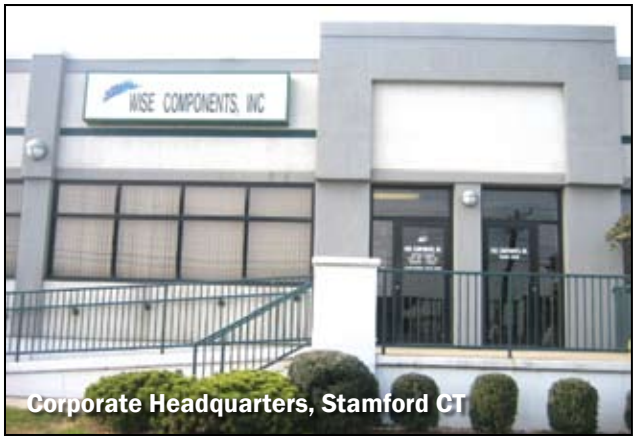
Now Featuring Solutions **for Datacenters**

FREE SHIPPING ON ORDERS OVER **$99**



WISE COMPONENTS, INC.

A Division of Wise Components, Inc. **800.543.4333**



Corporate Headquarters, Stamford CT

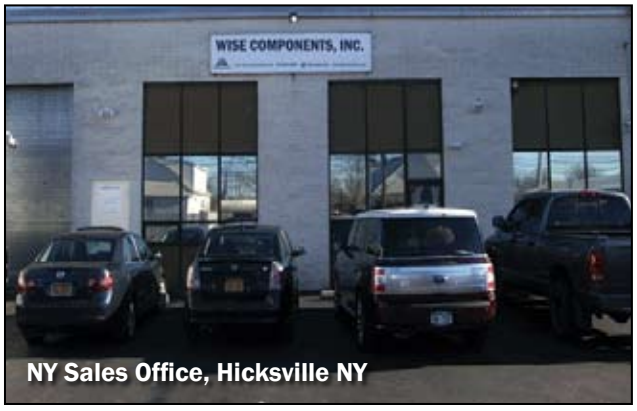
A Brief History

Wise Components, Inc. was founded in 1975, and quickly developed a base of OEM manufacturers and electrical contractors in Metro New York and Connecticut. In 1986, the IBM research center requested Wise's service in specifying the materials needed so that each employee could have a monitor on their desk. At the time the term LAN – Local Area Network – was still just a concept. Wise supplied all the cable, connectors, and deployment components needed for them to achieve their goal.

In the late 1980s, several of Wise's OEM manufacturers moved their plants overseas. Where other companies may have found it difficult to service customers overseas, Wise rose to the challenge, and to this day, provide our superior service internationally.

In the late 1990s, Wise launched www.datacomtools.com; a website dedicated to supplying tools, test equipment, and data center components to contractors, end-users throughout the US and abroad.

Wise Components, Inc employs over 30 Professionals ready to help you deploy your network infrastructure in the most cost effective way.



NY Sales Office, Hicksville NY

Superior Service for over 35 years

Shipping Methods

- In stock products will ship the same day if ordered before 4pm EST Mon-Fri.
- Our standard shipping method is Federal Express but other methods are available.
- Free ground shipping on orders over $99*
- APO orders ship via US Mail.

Payment Methods**

Government/Corporate Purchase Orders
Orders that have been submitted for credit approval must be accompanied with credit references. Orders that have been approved for terms will be Net 30 Days. Please allow 24 hours for credit approval.

PayPal
Web purchases can be easily paid thru PayPal.

Credit Cards:
Product can be ordered by Credit Card.
We accept Visa, Mastercard, Discover, and American Express.

Return Policy

- Products may be returned up to 30 days after date of purchase and Products must be in their original packaging.
- A credit will be issued after Product has been received, inspected and found to be in resalable condition.
- A 20% restock fee will be assessed to Product being returned for reasons other than damaged, defective or shipment error. If the manufactures restock charge is greater than 20% the manufacturers restock fee will be applied. Credit will only be applied to the product not shipping or expediting charges.
- To return a Product call 1-800-543-4333 x199 to request a Return Material Authorization Number (RMA #).
- All Returns must have the RMA# clearly marked on the outside of the box. All unauthorized returns will be refused.

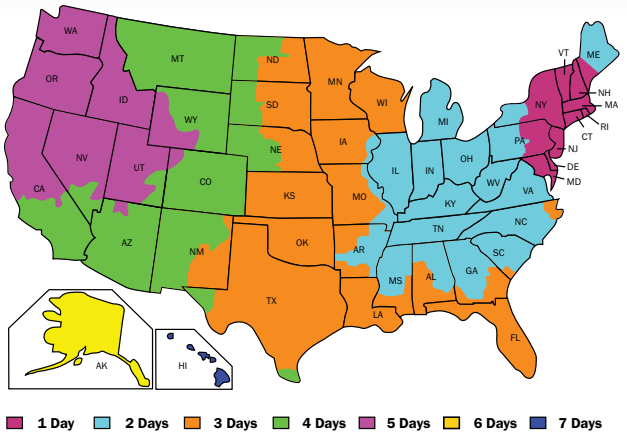
- Returns are to be sent pre-paid to:
Datacomtools.com 79 Harborview Avenue Stamford, CT 06902.

How to Order

Phone: 1.800.543.4333
Fax: 203.325.2198**
Mail: 79 Harborview Avenue Stamford, CT 06902
Online: www.datacomtools.com

Live *Online Support*
Call us at: 1.800.543.4333 or **Visit us at:** www.datacomtools.com

Estimated FedEx Ship Time to your State



* In the contiguous states, Certain items may not apply
** Prices are subject to change
*** Fax order pending credit approval

Datacomtools is not responsible for typographic and printing errors.

BMP™21 LABEL PRINTER

Meet the newest member of your crew

- One-handed operation with large display and backlight
- Terminal block and patch panel options
- Advanced serialization, barcoding, and symbols.
- Cuts and hold printed labels until you need them
- Rugged construction... withstands a 5ft. drop onto concrete.

10% OFF YOUR NEXT BRADY PURCHASE COUPON CODE: Brady**

BMP21 Label Printer & Accessories

BMP21	Label Printer	**$145.95**
BMP21-KIT-110940	Printer, Case, BMP21-Tool & AC Adapter	**$217.77**
BMP21-KIT-110941	Printer, Case, & AC Adapter	**$191.00**
BMP21-KIT-110942	Printer & Case	**$164.43**
BMP21-KIT-110943	Printer & AC Adapter	**$169.16**
BMP21-KIT-114305	Printer & BPM21 Tool	**$159.71**
BMP21-AC	AC Adapter	**$42.00**
BMP21-HC	Hard Side Carrying Case	**$36.75**
BMP21-MAGNET	Magnet only Accessory	**$15.75**
BMP21-TOOL	Multifunction Accessory	**$31.50**

Indoor/Outdoor Grade Vinyl Film

B-580 - Super-Tough Vinyl Tape - Perfect for voice, data, audio, video, HVAC control, bins, safety and electrical applications

Note: As of February 2011, B-580 material will be replaced with B-595 material. When ordering after this date, Please replace 580 with 595 in the part number.

Size	Select Color**	Price
21' x .375"	M21-375-580-XX**	**$20.46**
21' x .500"	M21-500-580-XX**	**$20.46**
21' x .750"	M21-750-580-XX**	**$23.70**

**** Colors Available**

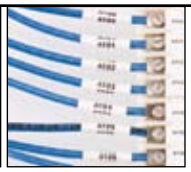
BK on WT	BK on YL	BK on OR	WT on RD	WT on BL	WT on GN

An affordable label and wire marker designed for the tool box

Electrical Labeling

Datacom Labeling

General Identification


PermaSleeve Markers

Self-Laminating Labels

Safety Labels

...and many more

Self-Laminating Vinyl

B-427 - Continuous black on white self-laminating wire marker

Size	Black on White	Price
14' x .750"	M21-750-427*	**$27.46**
14' x 1.00"	M21-1000-427*	**$33.25**
14' x 1.25"	M21-1250-427*	**$33.86**
14' x 1.50"	M21-1500-427*	**$34.26**

PermaSleeve Wire Marker Sleeves

B-342 - Continuous cut-to-length heat shrinkable sleeves

Size	Black on White	Price
7' x .125"	M21-125-C-342*	**$41.72**
7' x .187"	M21-187-C-342	**$45.52**
7' x .250"	M21-250-C-342	**$52.07**
7' x .375"	M21-375-C-342	**$57.46**

Nylon Cloth

B-499 - For wire, cable, patch panels, and faceplates

Size	Black on White	Price
16' x .375"	M21-375-499	**$22.11**
16' x .500"	M21-500-499	**$22.11**
16' x .750"	M21-750-499	**$25.00**

B-499 - For Terminal Blocks

Size	Terminal Block	Price
16' x .375"	M21-375-499-TB	**$22.11**
16' x .500"	M21-500-499-TB	**$22.11**

Polyester

B-430 - Black on white for instruments, racks and bins

Size	Black on White	Price
21' x .375"	M21-375-423	**$19.39**
21' x .500"	M21-500-423	**$19.39**
21' x .750"	M21-750-423	**$21.54**

B-430 - Black on clear for instruments, racks and bins

Size	Black on Clear	Price
21' x .375"	M21-375-430	**$19.58**
21' x .500"	M21-500-430	**$19.58**
21' x .750"	M21-750-430	**$21.75**

BMP21 and IDPAL label cartridges can be used in either the BMP21 Label Printer or the IDPAL Printer except for those denoted by an asterisk

**Can not combine with other offers

LabelMark Software

Brady's LabelMark™ Labeling Software offers features that make creating labels more efficient. This labeling software is written specifically for markets where wire and cable marking is a constant and tedious job. LabelMark labeling software is the easy solution for label design, editing, and printing. This software is a fast system for creating and printing professional, accurate, & legible labels. With built-in templates, wizards, fixed text labels and free form design, LabelMark Label Software simplifies label making in the electrical, industrial, aerospace, laboratory, and telecom industries. Save time and print labels faster and more efficiently.

Quickly create, view, and print with easy editing features

- Edit text elements - simple text entry, formatting, and editing
- Fast label templates - easily edit often-used label templates
- Redesigned toolbars and menus - easy access to all program features
- Find and replace - quickly search and replace text in label files
- Label preview - lets you see labels before you print for more accuracy
- Add barcodes - several common bar code symbologies available
- Add date/time - easy insertion of date and/or time fields into the labels
- Pre-installed symbols library - features electrical, datacomm, and safety symbols

LM5PRFCD	LabelMark 5 CD-ROM Professional	**$379.00**
LM5PR0E	LabelMark 5 Professional Software - E-Media	**$359.00**
LM5STDCD	LabelMark 5 Standard Software - CD-ROM	**$219.00**
LM5STDE	LabelMark 5 Standard Software - CD-ROM	**$199.00**

Vinyl Cloth Wire Marker Cards

- Brady exclusive Zip-Strip release card lets you easily remove just the markers you need.
- Large selection of wire marker cards allow you to choose the product that precisely meets your requirements.
- Wire Markers are .25 inches wide and 1.5 inches long

25 Cards Per Package			
Legend	**Markers/card**	**Catalog #**	**Price**
0	36	**WM-0-PK**	**$43.20**
1	36	**WM-1-PK**	**$43.20**
2	36	**WM-2-PK**	**$43.20**
3	36	**WM-3-PK**	**$43.20**
4	36	**WM-4-PK**	**$43.20**
5	36	**WM-5-PK**	**$43.20**
6	36	**WM-6-PK**	**$43.20**
7	36	**WM-7-PK**	**$43.20**

25 Cards Per Package			
Legend	**Markers/card**	**Catalog #**	**Price**
8	36	**WM-8-PK**	**$43.20**
9	36	**WM-9-PK**	**$43.20**
1-33	33	**WM-1-33-PK**	**$43.20**
34-66	33	**WM-34-66-PK**	**$43.20**
67-99	33	**WM-67-99-PK**	**$43.20**
100-124	25	**WM-100-124-PK**	**$42.66**
125-149	25	**WM-125-149-PK**	**$43.20**
A-Z	26	**WM-A-Z-PK**	**$45.14**

RHINO 101 Reuseable Label Dispenser

All Rhino labels are super strong and engineered for the long haul. Thanks to industrial-strength adhesives, they deliver the lasting durability you demand. With Rhino 101, you can rest assured you're using reliable Rhino labels in an easy-to-load cartridges.

- Self-Laminating Vinyl Labels for Wire and Cable Marking
- Specially formulated to stick and last on wire and cable
- White write-on area accepts permanent marker
- Clear tail wraps and laminates handwritten text for protection
- Easy-peel, die cut labels

Features:

- Includes Sharpie® Retractable Permanent Marker
- No cap to remove or lose
- Large Writing Window
- Easy to write and view label

- Cutting Window	- Built-in Cutter	- Belt Clip and Lanyard Holder	- Thumb Driven Label Advance
Quickly aligns label prior to cutting	Fast and easy one-handed cutting	Keep tool accessible at all times	Eliminates smearing

1738635 Includes:

- Rhino 101 Reusable Label Dispenser
- 0.75" x 1.5" Self-Laminating Vinyl Labels (140 Labels)
- Black Sharpie Retractable Permanent Marker

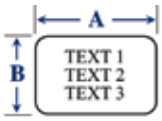
1738635	RHINO 101 Reuseable Label Dispenser with Self-Laminating Vinyl	**$20.00**

TLS2200®
THERMAL LABELING SYSTEM

- Permanent, Quick, Crisp Labels
- Built-in Electrical and Voice/Data Symbols
- Autotext Sizing TLS2200 reads your label size and style, selects the most suitable type size, and instantly registers it for printing
- Variable font sizes from 1 (4 point) to 19 (72 point)

10% OFF YOUR NEXT BRADY PURCHASE* COUPON CODE: Brady

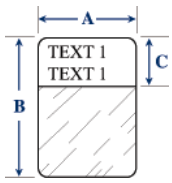
TLS2200	TLS2200 Thermal Printer Kit	**$795.00**
TLS2200-BP	Battery pack	**$93.44**
TLS2200-BC	Battery charger	**$44.47**
R4310	Black ribbon for Cat5 labels	**$28.17**
R6010	Black ribbon	**$29.02**



General Adhesive Wire & Cable Markers

- Industrial strength Vinyl Cloth (B498) an Nylon Cloth (B499) designed to conform to curved surfaces
- Printer automatically calibrates label and prints multiple lines of wire code legend,

Wire Gauge	Materials	Part #	Labels	Inch A	Inch B	Max Characters			Maximum Lines			Price
						2	7	10	2	7	10	
16 to 22	Vinyl Cloth	**PTL-7-498**	500	0.5	0.5	11	5	3	5	2	1	**$48.24**
10 to 16	Vinyl Cloth	**PTL-10-498**	750	0.25	0.75	5	2	1	3	1	1	**$51.28**
10 to 16	Vinyl Cloth	**PTL-11-498**	500	0.5	0.75	11	5	3	8	4	2	**$44.76**
10 to 12	Vinyl Cloth	**PTL-16-498**	500	0.375	1	8	3	2	10	5	3	**$53.78**
10 to 12	Nylon Cloth	**PTL-16-499**	500	0.375	1	8	3	2	10	5	3	**$54.96**
10 to 12	Vinyl Cloth	**PTL-17-498**	500	0.5	1	11	5	3	3	1	1	**$56.52**
10 to 12	Vinyl Cloth	**PTL-18-498**	250	0.75	1	18	7	5	10	5	3	**$37.03**
10 to 12	Nylon Cloth	**PTL-18-499**	250	0.75	1	18	7	5	10	5	3	**$37.82**
10 to 12	Vinyl Cloth	**PTL-19-498**	250	1	1	24	10	7	10	5	3	**$40.18**
10 to 12	Nylon Cloth	**PTL-19-499**	250	1	1	24	10	7	10	5	3	**$41.09**
4 to 10	Vinyl Cloth	**PTL-28-498**	750	0.25	1.5	5	2	1	16	8	5	**$52.21**
4 to 10	Nylon Cloth	**PTL-28-499**	750	0.5	0.5	5	2	1	16	8	5	**$53.52**
4 to 10	Vinyl Cloth	**PTL-29-498**	500	0.5	0.5	11	5	3	16	8	5	**$49.98**
4 to 10	Nylon Cloth	**PTL-29-499**	500	0.5	1.5	11	5	3	16	8	5	**$51.02**
4 to 10	Vinyl Cloth	**PTL-30-498**	250	0.75	1.5	18	7	5	16	8	5	**$43.97**
4 to 10	Nylon Cloth	**PTL-30-499**	250	0.75	1.5	18	7	5	16	8	5	**$45.16**
4 to 10	Vinyl Cloth	**PTL-31-498**	250	1	1.5	24	10	7	16	8	5	**$51.02**
4 to 10	Nylon Cloth	**PTL-31-499**	250	1	1.5	24	10	7	16	8	5	**$52.34**
Lg. Cable	Vinyl Cloth	**PTL-21-498**	100	1	2.5	24	10	7	23	14	9	**$33.66**
Lg. Cable	Vinyl Cloth	**PTL-23-498**	100	1	4	24	10	7	23	22	15	**$40.24**
Lg. Cable	Vinyl Cloth	**PTL-34-498**	50	1.5	6	37	15	10	64	32	21	**$44.94**



Self-Laminating Adhesive Wire and Cable Markers

- Extra-durable B427 material features a clear trailer that wraps over print area to protect the printed text.
- Exceptional adhesion to Cat.5 cable and electrical wires and cable

Application	Material	Part #	Label	Inch A	Inch B	Inch C	Max. Characters			Max. Lines			Price
							2	7	10	2	7	10	
2 pair Fiber, Single/Multimode	Vinyl Self-Lam.	**PTL-19-427**	250	1	1	0.375	24	10	7	3	1	1	**$35.73**
25 pair Copper, 4-12 pair Fiber	Vinyl Self-Lam.	**PTL-21-427**	100	1	2.5	0.75	24	10	7	8	4	2	**$27.36**
Cat-5, 4 pair UTP Copper	Vinyl Self-Lam.	**PTL-64-427**	100	1	3.375	1.125	24	10	7	12	12	8	**$16.75**
50 pair Copper, 24 pair Fiber	Vinyl Self-Lam.	**PTL-23-427**	100	1	4	1	24	10	7	10	5	3	**$32.58**
Cat-5, 4 pair UTP Copper	Vinyl Self-Lam.	**PTL-29-427**	500	0.5	1.5	0.5	11	5	3	5	2	1	**$48.67**
Cat-5, 4 pair UTP Copper	Vinyl Self-Lam.	**PTL-30-427**	250	0.75	1.5	0.5	18	7	5	5	2	1	**$36.25**
Cat-5, 4 pair UTP Copper	Vinyl Self-Lam.	**PTL-31-427**	250	1	1.5	0.5	24	10	7	5	2	1	**$45.80**
Cat-5, 4 pair UTP Copper	Vinyl Self-Lam.	**PTL-32-427**	250	1.5	1.5	0.5	37	15	10	5	2	1	**$47.36**
50 pair Copper, 24 pair Fiber	Vinyl Self-Lam.	**PTL-33-427**	100	1.5	4	1	37	15	10	10	5	3	**$44.09**
100 pair Copper, 36 pair Fiber	Vinyl Self-Lam.	**PTL-34-427**	50	1.5	6	1.5	37	15	10	16	8	5	**$36.51**

*Can not combine with other offers

IDXPERT™ HANDHELD LABELER

10% OFF YOUR NEXT BRADY PURCHASE* COUPON CODE: Brady

Handheld Labeler

Starter Kits

Xpert-Kit-ABC-VD - Voice & Datacom Kit:
1 Cartridge each of:
- XSL-21-427 - Self Lam markers
- X-30-422 - Port Labels & Faceplate Labels
- XC-475-412 - Non-adhesive strips
- XC-1000-580-YL-BK - 1" yellow vinyl

Xpert-Kit-ABC-EL - Electrical Starter Kit:
1 Cartridge each of:
- X-18-498 - Standard wire ID wraps
- XPS-187-1 - Heatshrink wire markers
- XSL-103-427 - Self-lam Wire ID labels
- XC-1500-580-OR-BK - 1.5" orange vinyl

Xpert-Kit-ABC-MRO - Facility/MRO Kit:
1 Cartridge each of:
- XC-1500-580-YL-BK - 1.5" yellow vinyl
- XC-1000-580-RD-WT - 1" red vinyl
- X-7-499 - White die cut labels
- XC-1000-580-GN-WT - green vinyl

All Starter Kits Include:
IDXPERT printer, Hardcase, PC cable, AC power supply, 1.5" x 30' continuous tape and the items listed with the kit.

The versatile, feature-rich Brady IDXPERT handheld is now even more powerful with the addition of PC-Connect printing, Voice/Data temples for punch block and faceplates, 10 additional font sizes, and more!

More Options:
- More types of labels: Self-lams, sleeves, and 90+ label styles including continuous tape.
- More width: Materials up to 1.5", prints characters up to 1.25".

More Brawn:
- 300dpi thermal transfer printing stays crisp and bright.
- Tough, rugged, drop tested construction.

More Brains:
- Quick loading cartridge makes switching jobs really fast.
- "Smart Cartridge" saves time: auto senses label type & size.
- Intuitive user interface: accesses complex functions in a few steps.
- Truly handy: ergonomic design fit right in your hand!

- Slide-in Desi-Strip inserts for face plates - automatically defaults to most common 1.9" length or user can specific their specific length needed depending on the equipment being labeled.
- Print from your PC - with optional Brady LabelMark 3.1.1 software, users can create labels on their PC and print directly to the IDXpert. Users can also import data from other spreadsheets to make printing lists of similar labels even easier.

XPERT-ABC	IDXPERT Handheld Labeler (ABC Layout)	**$399.95**
XPERT-KEY	IDXPERT Handheld labeler (keyboard layout)	**$399.95**
XPERT-ABC-KIT-LM	Handheld labeler w/LabelMark software	**$641.00**
XPERT-KEY-KIT-LM	Handheld labeler w/LabelMark software	**$641.00**
XPERT-ABC-KIT-MRO	Handheld labeler MRO starter kit	**$595.00**
XPERT-ABC-KIT-EL	Handheld labeler electrical starter kit	**$590.00**
XPERT-ABC-KIT-VD	Handheld labeler voice/data starter kit	**$567.00**
LM5STDCD	LabelMark labeling software	**$219.00**
XPERT-AC	AC adapter	**$42.00**
PCK-4	Cleaning kit	**$26.25**

XPERT-ABC

XPERT-KEY

IDXPERT Printer ships with:
- Hard Case
- 1.5" x 30' Cont. Tape
- PC Cable (upgrade only)
- Product CD

For more info on the IDXPERT go to:
www.datacomtools.com/Xpert

*Can not combine with other offers

IDXPERT Labels

For more info on the IDXPERT Labels go to: www.datacomtools.com/Xpert_Labels

10% OFF YOUR NEXT BRADY PURCHASE* COUPON CODE: Brady

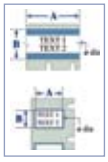
Cable Markers

Ideal for marking data cabling, this cable marker's protected printing offers superior abrasion resistance and resistance to dirt, solvents, and water.

Color:
Black on White
Black on Yellow

Sized to fit	Part #	Labels	A (in)	B (in)	C (in)	Price
2pair fiber/coaxial, single/multimode	XSL-19-427	250	1	1	.375	**45.07**
CAT-5, 4pair UTP copper	XSL-102-427	250	.5	1.25	.375	**32.18**
CAT-5, 4pair UTP copper, fiber coaxial	XSL-103-427	250	1	1.25	.5	**51.54**
CAT-5, 4pair UTP copper	XSL-115-427	250	1.5	1.25	.5	**46.37**
CAT-5, 4pair UTP copper	XSL-29-427	450	.5	1.5	.5	**57.98**
CAT-5, 4pair UTP copper	XSL-30-427	250	.75	1.5	.5	**43.80**
CAT-5, 4pair UTP copper, fiber, coaxial	XSL-31-427	250	1	1.5	.5	**54.12**
CAT-5, 4pair UTP copper, fiber coaxial	XSL-31-427-YL-BK	250	1	1.5	.5	**59.28**
CAT-5, 4pair UTP copper, fiber coaxial	XSL-32-427	227	1.5	1.5	.5	**60.55**
25pair copper, 4-12pair fiber coaxial	XSL-21-427	100	1	2.5	.75	**36.05**
25pair copper, 4-12pair fiber coaxial	XSL-21-427-YL-BK	100	1	2.5	.75	**39.92**
25pair copper, 4-12pair fiber coaxial	XSL-116-427	100	1.5	2.5	.75	**36.05**
50pair copper, 24pair fiber backbone	XSL-23-427	85	1	4	1	**46.37**
50pair copper, 24pair fiber backbone	XSL-23-427-YL-BK	100	1	4	1	**50.23**
50pair copper, 24pair fiber backbone	XSL-33-427	85	1.5	4	1	**57.98**
100pair copper, 36pair fiber backbone	XSL-34-427	50	1.5	6	1.5	**46.37**

Peramsleeve - Wire Marking Sleeves

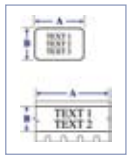


These heat-shrink sleeves are durable, permanence and aesthetic appearance. The labelers fast shrink rate saves time & cost during installation.

Wire Gauge	Part #	Labels	A (in)	B (in)	Color	Price
1.015" Marker Length						
22-16 gauge 0.046 - 0.110 dia	XPS-125-1	100	1.015	0.235	BK on WT	**51.28**
18-12 gauge 0.062 - 0.150 dia	XPS-187-1	100	1.015	0.335	BK on WT	**56.29**
16-10 gauge 0.094 - 0.320 dia	XPS-250-1	100	1.015	0.439	BK on WT	**67.57**
12-6 gauge 0.125 - 0.320 dia	XPS-375-1	100	1.015	0.645	BK on WT	**97.62**
Continuous (cut to length)						
22-16 gauge 0.046 - 0.110 dia	XPS-125-CONT	1 roll	8ft	0.235	BK on __*	**44.50**
18-12 gauge 0.062 - 0.150 dia	XPS-187-CONT	1 roll	8ft	0.335	BK on __*	**48.87**
16-10 gauge 0.094 - 0.215 dia	XPS-250-CONT	1 roll	8ft	0.439	BK on __*	**53.79**
12-6 gauge 0.125 - 0.325 dia	XPS-375-CONT	1 roll	8ft	0.645	BK on WT	**78.84**

*Available in both BK on WT & BK on YL
CONT - BK on WT Label
CONT-YL-BK - BK on YL Label

ID's for Racks, Data Centers

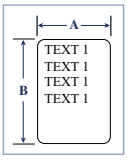


Variety of sizes and permanent materials for making racks, bay, frames, slots, and other voice/data equipment.

Materials:
Ultra Polyester for powder/texture surfaces
Glossy polyester for powder/texture surfaces

Material	Part #	Labels	A (in)	B (in)	Color	Price
Ultra polyester	X-17-483	500	1	0.5	BK on WT	**56.84**
Ultra polyester	X-20-483	100	2	1	BK on WT	**36.05**
Ultra polyester	X-61-483	100	2	0.5	BK on WT	**28.33**
Glossy polyester	X-17-422	500	1	0.5	BK on WT	**53.34**
Glossy polyester	X-19-422	250	1	1	BK on WT	**45.07**
Glossy polyester	X-29-422	500	1.5	0.5	BK on WT	**59.15**
Glossy polyester	X-30-422	250	1.5	0.75	BK on WT	**55.40**
Glossy polyester	XC-1000-422	1 Roll	30ft	1	BK on WT	**64.43**

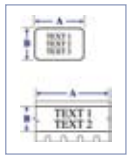
Wire & Cable Markers - Adhesive Wrap



Durable vinyl cloth wrap around wire and cable markers. Firm adhesive can be removed cleanly and reapplied if necessary. Printer automatically "multiple repeats" your text for 360° visibility.

Wire Gauge	Part #	Labels	A (in)	B (in)	Color	Price
22-16 gauge - .110" dia	X-7-498	300	.5	.5	BK on WT	**42.10**
16-10 gauge - .160" dia	X-11-498	275	.5	.75	BK on WT	**42.18**
12-10 gauge - .210" dia	X-19-498	200	1	1	BK on WT	**37.14**
12-10 gauge - .210" dia	X-18-498	225	.75	1	BK on WT	**43.37**
10-4 gauge - .270" dia	X-103-498	200	1	1.25	BK on WT	**37.96**

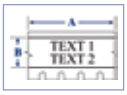
Automation & Electrical Components Markers



Various sizes and label types for marking relays, solenoids, switches, drive motors, and other components.

Material	Part #	Labels	A (in)	B (in)	Color	Price
General purpose nylon cloth	X-11-499	350	.75	.5	BK on WT	**33.22**
General purpose nylon cloth	X-84-499	350	.9	.5	BK on WT	**34.40**
Metallized polyester	X-17-428-SV-BK	500	1	.5	BK on SV	**62.55**
Metallized polyester (black border)	X-24-428-SVBB-BK	500	1.13	.5	BK on SV	**55.05**
Metallized polyester	X-29-428-SV-BK	500	1.5	.5	BK on SV	**71.32**
Metallized polyester	X-20-428-SV-BK	100	2	1	BK on SV	**40.02**
Gloss polyester	XC-1000-422	1 Roll	30ft	1	BK on WT	**64.43**

Indoor/Outdoor Facility and Safety Labels

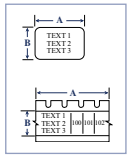


This indoor/5-yr outdoor vinyl is very pliable and conforms well to smooth or rough surfaces such as pipes, wall, door, panels, shelving, and equipment.

Roll Continuous
XC-500-580 - 30ft x 0.5"
XC-1000-580 - 30ft x 1"
XC-1500-580 - 30ft x 1.5"

XC-500-595	BK-WT	BK-OR	BK-YL	WT-RD	WT-GN	WT-BL	RD-WT	**$45.07**	CL-BK	**$34.56**
XC-1000-595	BK-WT	BK-OR	BK-YL	WT-RD	WT-GN	WT-BL	RD-WT	**$56.70**	CL-BK	**$48.44**
XC-1500-595	BK-WT	BK-OR	BK-YL	WT-RD	WT-GN	WT-BL	RD-WT	**$67.02**	CL-BK	**$57.25**

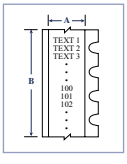
Patch Panel, Outlet and Faceplate Markers



Label patch panels with continuous supplies that set automatically to user-defined fixed spacing intervals. Die cut parts available for marking ports and wall faceplates.

Application	Part #	Labels	A (in)	B (in)	Color	Price
Label each port	X-7-422	350	0.5	0.5	BK on WT	**39.92**
Label Multiple Ports on Cont. Tape	XC-375-422	1 Roll	30ft	0.375	BK on WT	**55.40**
Label Multiple Ports on Cont. Tape	XC-500-422	1 Roll	30ft	0.5	BK on WT	**56.70**

Terminal Block Markers



Narrow markers automatically set to spacing between legends and rotate to orientation for alignment on terminal blocks.

Width to Strip	Part #	Labels	A (in)	B (in)	Color	Price
0.240" wide	XC-240-498	1 Roll	.24	.375	BK on WT	**52.31**
0.318" wide	XC-318-498	1 Roll	.318	.475	BK on WT	**53.59**
0.375" wide	XC-375-498	1 Roll	.375	.625	BK on WT	**55.40**

*Can not combine with other offers

NEW!!

BMP™71 LABEL PRINTER

Thousands of Applications.
Hundreds of Labels.
One Label Printer

10% OFF YOUR NEXT BRADY PURCHASE COUPON CODE: Brady**

The Best features and functionalities of brady's portable label printers are now combined into one easy-to-use, top-of-the-line portable thermal transfer printer - Brady's NEW BMP™71 printer. Whether you need ¼ Self-Laminating wire marker labels or 2" wide vinyl pipe marker labels, you only need ONE label maker - The BMP™71 printer can do it all!

With the BMP™71, your labeling options are endless!

The BMP™71 Label Printer can also print on TLS2200® Consumables and Handi-mark® Consumables using the included Media Adapter

Features Include:	
- 100's of Symbols	- Auto Font Size
- Reverse Print	- Vertical
- Multiple Font Size	- Expand/Condense
- Subscripts	- Time/Date Stamps
- Frame	- Underline/Italics/Bold
- Mirror Print	- Barcodes
- Color Screen	- Serialization

Label printer ships with Hardcase, Charger/AC Adapter, 1 Roll of M71-31-423 White Die Cut Labels, 1 M71-R6000 Black Ribbon Cartridge, M71-ADAPT Tool Adapter, USB Cable, Quickstart Guide, a CD including the printer driver, Users Guide and Tutorial.

BMP71	BMP™71 Label Printer	**$895.00**
BMP71-LM	BMP™71 Label Printer with LabelMark Software	**$984.60**
BMP71-MW	BMP™71 Label Printer with Markware Lean Software	**$1344.60**
BMP71-QC	BMP™71 Label Printer with Quick Charger	**$955.00**
BMP71-SC	BMP™71 Label Printer with Soft Case	**$920.00**
BMP71-SC-QC	BMP™71-Label Printer with Soft Case and Quick Charger	**$980.00**
M71-AC-BC	BMP™71 AC/Battery Adapter	**$59.00**
M71-ADAPT	TLS2200®/Handimark® Media Adapter	**$19.50**
M71-BATT	BMP™71 Battery Pack	**$85.00**
M71-CABLE	BMP™71 USB Cable	**$16.95**
M71-CLEAN	BMP™71 Cleaning Kit	**$15.00**
M71-HC	BMP™71 Hardcase	**$75.00**
M71-QC	BMP™71 Quick Charger	**$115.00**
M71-SC	BMP™71 Softcase	**$45.00**

The one way to faster, easier label printing

Electrical Labeling

Voice/Data Comm Labeling

Safety Labels

PermaSleeve™ Markers

Self-Laminating Labels

General ID Labels

..and many more

Brady 360® Replacement Printer Plan

The Brady 360™ Printer Replacement Plan Supplements the Limited Warranty already provided to you with the purchase of your brady printer. With this plan, Brady Worldwide Inc., in its reasonable discretion, will send a replacement printer in the event that your covered printer requires service during the term of its Limited Warranty. Brady will replace your defective printer with a new printer that has the same or similar functionality and is of the same or greater value.

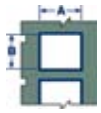
Limit two new replacement printers per covered printer in each warranty period. The plan must be purchased at the time of printer purchase to be valid.

*Limit of two printers in the first 12 months of initial purchase.

**Can not combine with other offers

10% OFF YOUR NEXT BRADY PURCHASE* COUPON CODE: Brady

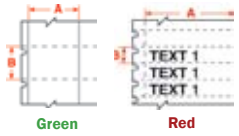
Permasleeve Wire Marking Sleeves - Heat Shrinkable



Labels for the Brady BMP71 thermal transfer printer
Heat-Shrinkable White Polyolefin (B-342)

			Dimensions				
Part Number	Qty	Wire Gauge	A	B	Character	Lines	Price
1.015" Marker Width							
M71-94-1-342	100	28-18	1.015"	0.182"	22	1	46.58
M71-125-1-342	100	22-16	1.015"	0.235"	22	1	49.38
M71-187-1-342	100	18-12	1.015"	0.335"	22	2	54.99
M71-250-1-342	100	16-10	1.015"	0.439"	22	3	66.61
M71-375-1-342	100	12-6	1.015"	0.645"	22	5	98.11
M71-500-1-342	100	8-1	1.015"	0.851"	22	7	113.43
1.765" Marker Width							
M71-94-175-342	100	28-18	1.765"	0.182"	41	1	63.26
M71-125-175-342	100	22-16	1.765"	0.235"	41	1	66.33
M71-187-175-342	100	18-12	1.765"	0.335"	41	3	73.66
M71-250-175-342	100	16-10	1.765"	0.439"	41	3	89.69
M71-375-175-342	100	12-6	1.765"	0.645"	41	5	131.99

Workstation Labels



Green Red

Labels for the Brady BMP71 printer
Polypropylene (B-412), Clear Polyester (B-430), Permanent Glossy Polyester (B-422), Vinyl (B-427)

				Dimensions		
Part Number	Applications	Material	Qty	A	B	Price
M71-16-430	1-4 outlet faceplates	Clear Polyester	500	1.000"	0.375"	46.65
M71-17-430	1-4 outlet faceplates	Clear Polyester	500	1.000"	0.500"	46.65
M71-40-412	Faceplates with DESI-STRIP	Polypropylene	750	1.938"	0.375"	61.11
BM71-40-412	Faceplates with DESI-STRIP	Polypropylene	5000	1.938"	0.375"	284.59
M71-45-422	1-2 outlet faceplates	Glossy Polyester	500	1.500"	0.375"	52.73
M71-45-430	1-2 outlet faceplates	Clear Polyester	500	1.500"	0.375"	48.75
M71-68-430	Siemon faceplates	Clear Polyester	750	0.240"	0.150"	32.64
M71-71-430	Siemon faceplates	Clear Polyester	750	0.350"	0.200"	32.64

BMP™71 Ribbons

M71 Series Ribbons							
	Material	R4300 (Black)	R6000 (Black)	R6200 (Black)	R4400-WT (White)	R6900 (Colors)	▶ Recommended ▶ Acceptable
422	Polyester		▶		▶	▶	
423	Polyester		▶	▶	▶	▶	
424	Paper	▶					
426	Polyimide	▶					
428	Polyester	▶					
457	Polyimide		▶		▶	▶	
459	Polyester		▶		▶	▶	
473	Polyester		▶	▶	▶	▶	
477	Polyimide		▶	▶	▶	▶	
478	Polyimide		▶		▶	▶	
483	Polyester		▶	▶	▶	▶	
486	Polyester	▶					
488	Polyester	▶		▶			
489	Polyester	▶					
499	Nylon Cloth	▶		▶			
		$28.17	$96.01	$75.35	$120.04	$67.92	

With the BMP™71, your labeling options are endless!

The BMP™71 printer can print on over 400 label parts - so whatever label size or color you need, we've got you covered. Add all of the materials from the TLS 2200® Thermal Transfer Printer and the HandiMark® Portable Label Maker, and your label options are endless!

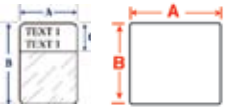
*Can not combine with other offers

Voice/Data Cabling Labels & Tags

Voice and Data Cabling Labels and Tags for the Brady BMP71 printer
Polyethylene (B-109), Self-Laminating Vinyl (B-427), Low Smoke Self-Laminating Tedlar (B-642)

				Dimensions			
Part Number	Description	Material	Qty	A	B	C	Price
M71-12-109	Cable Tag	-	100	0.75"	3"	-	36.77
M71-19-427-YL	2 pair Fiber, Single/Multimode	Self-Laminating Vinyl	250	1"	1"	0.375"	39.38
BM71-19-427	2 pair Fiber, Single/Multimode	Self-Laminating Vinyl	2500	1"	1"	0.375"	249.67
M71-21-427-YL	25 pair Copper, 4-12 pair Fiber	Self-Laminating Vinyl	100	1"	2.5"	0.75"	34.28
BM71-21-427	25 pair Copper, 4-12 pair Fiber	Self-Laminating Vinyl	1000	1"	2.5"	0.75"	191.55
BM71-23-427	50 pair Copper, 24 pair Fiber	Self-Laminating Vinyl	1000	1"	4"	1"	228.72
BM71-29-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	5000	0.5"	1.5"	0.5"	340.19
M71-30-427-BL	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	0.75"	1.5"	0.5"	45.28
M71-30-427-PL	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	0.75"	1.5"	0.5"	45.28
M71-30-427-RD	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	0.75"	1.5"	0.5"	45.28
BM71-30-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	2500	0.75"	1.5"	0.5"	253.45
M71-31-427-GR	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1"	1.5"	0.5"	58.37
M71-31-427-RD	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1"	1.5"	0.5"	58.37
M71-31-427-YL	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1"	1.5"	0.5"	58.37
BM71-31-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	2500	1"	1.5"	0.5"	321.24
M71-32-427-YL	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1.5"	1.5"	0.5"	58.75
BM71-32-427	50 pair Copper, 24 pair Fiber	Self-Laminating Vinyl	1000	1.5"	4"	1"	132.15
BM71-34-427	100 pair Copper, 25 pair Fiber	Self-Laminating Vinyl	500	1.5"	6"	1.5"	255.41
M71-36-109	Cable Tag	-	250	1.75"	1.125"	-	49.20
M71-66-427	50 pair Copper, 24 pair Fiber	Self-Laminating Vinyl	100	1.94"	3.15"	1"	44.09
M71-88-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1.75"	1.5"	0.5"	61.89
M71-103-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1"	1.25"	0.5"	42.14
M71-104-427	2 pair Fiber, Single/Multimode	Self-Laminating Vinyl	250	1.5"	1"	0.375"	45.80
M71-10-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	100	2"	1.5"	0.5"	34.94
BM71-107-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	1000	2"	1.5"	0.5"	384.69
M71-109-427	50 pair Copper, 24 pair Fiber	Self-Laminating Vinyl	100	1.5"	4"	1.5"	44.09

Wire and Cable Marking



Black Red

Labels for the Brady BMP71 printer
B-427 Self Laminating White/ Transparent Vinyl, Repositionable Vinyl Cloth (B-498), Nylon Cloth (B-499), Self-Laminating Tedlar (B-642)

Part Number	Material	Qty	A	B	C	Character	Lines	Price
4 to 10 Gauge Wire (AWG) Based on THHN Wire - Maximum Wire Diameter - 0.260in (6.64mm)								
M71-28-427	Self-laminating Vinyl	750	0.25"	1.5"	0.5"	5	5	44.49
M71-28-499	Nylon Cloth	750	0.25"	1.5"	-	5	16	53.52
M71-29-427	Self-laminating Vinyl	500	0.5"	1.5"	0.5"	11	5	48.67
M71-29-499	Nylon Cloth	500	0.5"	1.5"	-	11	16	51.02
M71-30-427	Self-laminating Vinyl	250	0.75"	1.5"	0.5"	18	5	32.47
M71-30-427-BL	Self-laminating Vinyl	250	0.75"	1.5"	0.5"	18	5	45.28
M71-30-427-PL	Self-laminating Vinyl	250	0.75"	1.5"	0.5"	18	5	45.25
M71-30-427-RD	Self-laminating Vinyl	250	0.75"	1.5"	0.5"	18	5	45.28
BM71-30-427	Self-laminating Vinyl	2500	0.75"	1.5"	0.5"	18	5	253.45
M71-30-498	Repositional Vinyl Cloth	250	0.75"	1.5"	-	18	16	43.97
M71-30-499	Nylon Cloth	250	0.75"	1.5"	-	18	16	45.16
M71-31-427	Self-laminating Vinyl	250	1"	1.5"	0.5"	24	5	45.80
M71-31-427-GR	Self-laminating Vinyl	250	1"	1.5"	0.5"	24	5	58.37
M71-31-427-RD	Self-laminating Vinyl	250	1"	1.5"	0.5"	24	5	58.37
M71-31-427-YL	Self-laminating Vinyl	250	1"	1.5"	0.5"	24	5	58.37
BM71-31-427	Self-laminating Vinyl	2500	1"	1.5"	0.5"	24	5	321.24
M71-31-498	Repositional Vinyl Cloth	250	1"	1.5"	-	24	16	51.02
M71-31-499	Nylon Cloth	250	1"	1.5"	-	24	16	52.34
M71-32-427	Self-laminating Vinyl	250	1.5"	1.5"	0.5"	37	5	47.36
M71-32-427-YL	Self-laminating Vinyl	250	1.5"	1.5"	0.5"	37	5	58.75
BM71-32-427	Self-laminating Vinyl	1000	1.5"	1.5"	0.5"	37	5	132.15
M71-88-427	Self-laminating Vinyl	250	1.75"	1.5"	0.5"	40	5	61.89
10 to 12 Gauge Wire (AWG) Based on THHN Wire - Maximum Wire Diameter - 0.210in (5.30 mm)								
M71-16-498	Repositional Vinyl Cloth	500	0.375"	1"	-	8	10	53.78
M71-16-499	Nylon Cloth	500	0.375"	1"	-	8	10	54.96
M71-17-427	Self-Laminating Vinyl	500	0.5"	1"	0.375"	11	3	39.78
BM71-17-427	Self-Laminating Vinyl	5000	0.5"	1"	0.375"	11	3	278.19
M71-18-427	Self-Laminating Vinyl	250	0.75"	1"	0.375"	18	3	31.83
BM71-18-427	Self-Laminating Vinyl	2500	0.75"	1"	0.375"	18	3	227.81
M71-18-498	Repositional Vinyl Cloth	250	0.75"	1"	-	18	10	37.03
BM71-18-498	Repositional Vinyl Cloth	2500	0.75"	1"	-	18	10	251.62
M71-18-499	Nylon Cloth	250	0.75"	1"	-	18	10	37.82
M71-19-427	Self-laminating Vinyl	250	1"	1"	0.375"	24	3	35.73
M71-19-427-YL	Self-Laminating Vinyl	250	1"	1"	0.375"	24	3	39.38
BM71-19-427	Self-Laminating Vinyl	2500	1"	1"	0.375"	24	3	249.67
M71-19-498	Repositional Vinyl Cloth	250	1"	1"	-	24	10	40.18
BM71-19-498	Repositional Vinyl Cloth	2500	1"	1"	-	24	10	272.93
M71-19-499	Nylon Cloth	250	1"	1"	-	24	10	41.09
10 to 16 Gauge Wire (AWG) Based on THHN Wire - Maximum Wire Diameter - 0.160in (4.10 mm)								
M71-10-427	Self-Laminating Vinyl	750	0.25"	0.75"	0.375"	5	3	34.94
M71-11-427	Self-Laminating Vinyl	500	0.5"	0.75"	0.375"	11	3	37.15
BM71-11-427	Self-Laminating Vinyl	5000	0.5"	0.75"	0.375"	11	3	260.12
M71-11-498	Repositional Vinyl Cloth	500	0.5"	0.75"	-	11	8	44.76
BM71-11-498	Repositional Vinyl Cloth	5000	0.5"	0.75"	-	11	8	313.52
M71-11-499	Nylon Cloth	500	0.5"	0.75"	-	11	8	45.80
BM71-11-499	Nylon Cloth	5000	0.5"	0.75"	-	11	8	321.24
M71-96-427	Self-Laminating Vinyl	250	1"	0.75"	0.375"	24	3	25.37
16 to 22 Gauge Wire (AWG) Based on THHN Wire - Maximum Wire Diameter - 0.110in (2.80 mm)								
M71-7-498	Repositional Vinyl Cloth	500	0.5"	0.5"	-	11	5	49.20
M71-7-499	Nylon Cloth	500	0.5"	0.5"	-	11	5	50.25

BMP®51 BMP®53 LABEL MAKER

The BMP®51 Label Maker is a printer that helps you get the job done – and gets it done faster, easier, and with confidence. This label maker has a large display and easy-to-use interface, so you can create, edit and print your labels in seconds without being connected to a PC. Even changing materials is a snap; just drop in the cartridge, and the printer will calibrate the rest!

With 20 label materials with widths up to 1.5", the BMP51 Label Maker offers impressive versatility for a portable printer.

The BMP53 Label Maker is a compact, versatile portable printer with built-in Bluetooth® technology for wireless printing. When used in conjunction with the free Brady Mobile App, you can design and print labels with this printer using your Android phone!

This label maker has a 300 dpi print head and can print professional, durable labels up to 1.5" wide. It prints on continuous and die-cut materials at a speed of 1 inch per second. With a built-in cutter, easy top-loading cartridges, and 3 different options for battery power, the BMP53 Label Maker is a powerful printer for on-the-job label making. Or, you can easily connect the BMP53 Label Maker to a PC for advanced label design with LabelMark™ Label Design Software.

Hassle-Free Printer Cartridges
- Ribbon and label materials in ONE cartridge!
- Top-loading cartridges snaps into place (you can't load it wrong!)
- "No Jam" technology and locking mechanism that prevents labels from retracting into cartridge.

Get the job done FASTER.
- Change supplies in seconds with hassle-free drop-in cartridges.
- Automatic label formatting. no printer calibration!
- QWERTY style keypad for faster, accurate typing.
- Can work independent from a computer or with the Brady Mobile App on an Android™ device.

Get the job done EASIER.
- Battery options for portability (AA batteries, rechargeable Li-Ion battery or AC power).
- Labels up to 1.5" wide.
- Continuous & die-cut label materials.
- Import, store, and print label files from Excel®.

Get the job done WITH CONFIDENCE.
- Brady labels will not fade, smear or fall off – so you only need to label something once.
- Rugged printer design survives a 4' drop on concrete, harsh environments and extreme temperatures.
- Create, edit, print and save labels using Brady's FREE Android™ App or LabelMark™ software.

Applications of the BMP®51 Label Printer

The BMP®51 Label Maker prints on both continuous and die-cut label materials. With over 190 different label and tag parts to choose from, you can make sure you always have the right material for the job.

Datacom & A/V:	Electrical Applications:	Facility & Safety Applications:	Product & Panel Applications:	Laboratory Applications:
- General ID	- Cable Flags	- Barcode Labels	- Work-in-Process Labels	- Tube and Vial ID
- Flags	- Wire Markers	- Lean and 5S Labels	- Rating and Serial Plate Labels	- Lean Lab Labeling
- Patch Panel	- Terminal Block	- Shelf and Bin Labeling	- Finished Goods Labels	- Well Plate and Other Glassware ID
- Wire Markers	- Wire Markers	- Work-in-Process Labels		
- 110 Block	- Flag Labels	- Facility and Safety ID		
- 66 Block	- General ID	- Hardware Labeling		
- BIX Block				

75447314707	BMP51 Printer with AC Adaptor	**$430.00**
75447314703	BMP51 Printer, Li-Ion Battery Pack & AC Adaptor	**$450.00**
75447314705	BMP51 Printer, LabelMark 5 Software & AC Adaptor	**$579.00**
75447314708	BMP53 Peripheral Printer w/AC Adaptor	**$339.00**
75447314704	BMP53 Printer, Li-Ion Battery Pack & AC Adaptor	**$359.00**
75447314706	BMP53 Printer, LabelMark 5 Software & AC Adaptor	**$488.10**
Accessories		
M50-MAGNET	BMP50 Series Magnet Accessory	**$25.00**
BMP-UBP	Lithium Ion Battery Pack	**$85.00**
BMP-UBP-AC	Lithium Ion Battery Pack w/AC Adaptor	**$99.00**
NET-WIFI	Network Card - Bluetooth and WIFI	**$70.00**
NET-LAN	Network Card - Ethernet only	**$85.00**
NET-BT-WIFI-LAN	Network Card - Bluetooth/WIFI/Ethernet	**$100.00**
M50-HC	BMP50 Series Hard Carrying Case	**$50.00**
M50-SC	Soft Carrying Case for BMP50 Series	**$29.99**
M50-AC	BMP50 AC Adaptor/Battery Charger	**$59.00**
M50-CABLE	BMP50 USB Cable	**$16.95**
M50-BATT-TRAY	BMP50 Spare Battery Tray	**$15.00**
LM5STDCD	LabelMark 5 Standard Software	**$219.00**

M50-MAGNET

BMP-UBP

NET-BT-WIFI-LAN

M50-SC

BMP™53 & 51 Labels

10% OFF YOUR NEXT BRADY PURCHASE* COUPON CODE: Brady

Self-Laminating Cable Markers
Features a clear, non-printable area that wraps around the cable and serves as an overlaminate to the printed text. Offers superior resistance to abrasion, dirt, oils, solvents, and water.

		Dimensions					
Part #	Color	A	B	C	Labels	Sized to Fit	
B-427 – Self-Laminating Vinyl							
M-19-427	BK on WT	1"	1"	.375"	200	2pair Fiber/Coaxial, Single/Multi-Mode	**$36.06**
M-102-427	BK on WT	.5"	1.25"	.375"	200	CAT-6, 4pair UTP Copper	**$25.74**
M-115-427	BK on WT	1.5"	1.25"	.5"	200	CAT-6, 4pair UTP Copper	**$37.10**
M-103-427	BK on WT	1"	1.25"	.5"	200	CAT-6, 4pair UTP Copper, Fiber, Coaxial	**$41.23**
M-29-427	BK on WT	.5"	1.5"	.5"	360	CAT-6, 4pair UTP Copper	**$46.38**
M-30-427	BK on WT	.75"	1.5"	.5"	200	CAT-6, 4pair UTP Copper	**$35.04**
M-31-427	BK on WT	1"	1.5"	.5"	200	CAT-6, 4pair UTP Copper, Fiber, Coaxial	**$43.29**
M-31-427-YL	BK on YL	1"	1.5"	.5"	200	CAT-6, 4pair UTP Copper, Fiber, Coaxial	**$47.42**
M-32-427	BK on WT	1.5"	1.5"	.5"	180	CAT-6, 4pair UTP Copper, Fiber, Coaxial	**$48.44**
M-21-427	BK on WT	1"	2.5"	.75"	80	25pair Copper, 4-12 pair Fiber, Coaxial	**$28.84**
M-21-427-YL	BK on YL	1"	2.5"	.75"	80	25pair Copper, 4-12 pair Fiber, Coaxial	**$31.94**
M-116-427	BK on WT	1.5"	2.5"	.75"	80	25pair Copper, 4-12 pair Fiber, Coaxial	**$28.84**
M-23-427	BK on WT	1"	4"	1"	70	50pair Copper, 24 pair Fiber, Backbone	**$38.19**
M-23-427-YL	BK on YL	1"	4"	1"	70	50pair Copper, 24 pair Fiber, Backbone	**$41.37**
M-33-427	BK on WT	1.5"	4"	1"	70	50pair Copper, 24pair Fiber, Backbone	**$47.42**
M-34-427	BK on WT	1.5"	6"	1.5"	40	100pair Copper,36 pair Fiber, Backbone	**$37.10**
B-427 – Continuous Self-Laminating Vinyl							
M-1000-427	BK on WT	25'	1"	.375"	1	CAT-6, 4 pair UTP Copper	**$55.60**
M-1500-427	BK on WT	25'	1.5"	.5"	1	CAT-6, 4 pair UTP Copper	**$57.98**

Self-Laminating Wire & Cable Markers
Features a clear, non-printable "tail" that wraps around the wire and serves as an overlaminate to the printed text. Protected print area offers superior chemical and abrasion resistance. Available as individual die-cut markers or continuous cut-to-length labels.

Catalog #	Color	A	B	C	Wire Gauge	Max. Wire Dia	Labels/Roll	
B-427 – Self-Laminating Vinyl								
M-11-427	BK on WT	.5	.75	.375	16 - 10 Gauge	0.160"	360	**$38.97**
M-96-427	BK on WT	1	.75	.375	16 - 10 Gauge	0.160"	200	**$27.81**
M-17-427	BK on WT	.5	1	.375	12 - 10 Gauge	0.210"	360	**$45.47**
M-18-427	BK on WT	.75	1	.375	12 - 10 Gauge	0.210"	200	**$31.94**
M-19-427	BK on WT	1	1	.375	12 - 10 Gauge	0.210"	200	**$36.06**
M-102-427	BK on WT	.5	1.25	.375	10 - 4 Gauge	0.270"	200	**$25.74**
M-103-427	BK on WT	1	1.25	.5	10 - 4 Gauge	0.270"	200	**$41.23**
M-115-427	BK on WT	1.5	1.25	.5	10 - 4 Gauge	0.270"	200	**$37.10**
M-29-427	BK on WT	.5	1.5	.5	10 - 4 Gauge	0.320"	360	**$46.38**
M-30-427	BK on WT	.75	1.5	.5	10 - 4 Gauge	0.320"	200	**$35.04**
M-31-427	BK on WT	1	1.5	.5	10 - 4 Gauge	0.320"	200	**$43.29**
M-31-427-YL	BK on YL	1	1.5	.5	10 - 4 Gauge	0.320"	200	**$47.42**
M-32-427	BK on WT	1.5	1.5	.5	10 - 4 Gauge	0.320"	180	**$48.44**
M-21-427	BK on WT	1	2.5	.75	3 Gauge - 2/0	0.530"	80	**$28.84**
M-21-427-YL	BK on YL	1	2.5	.75	3 Gauge - 2/0	0.530"	80	**$31.94**
M-116-427	BK on WT	1.5	2.5	.75	3 Gauge - 2/0	0.530"	80	**$28.84**
M-23-427	BK on WT	1	4	1	3/0 - 400 kcmil	0.850"	70	**$38.19**
M-23-427-YL	BK on YL	1	4	1	3/0 - 400 kcmil	0.850"	70	**$41.37**
M-33-427	BK on WT	1.5	4	1	3/0 - 400 kcmil	0.850"	70	**$47.75**
M-34-427	BK on WT	1.5	6	1.5	500 - 900 kcmil	1.300"	40	**$37.10**
B-427 – Continuous Self-Laminating Vinyl								
MC-750-427	BK on WT	25'	.75	.375	16 - 10 Gauge	0.270"	1	**$45.84**
MC-1250-427	BK on WT	25'	1.25	.5	10 - 4 Gauge	0.530"	1	**$56.65**

Repositionable Vinyl Cloth
Durable vinyl cloth wrap around wire and cable markers made with an adhesive that allows the markers to be removed cleanly and reapplied if necessary.

Catalog #	Color	A	B	Wire Gauge	Max. Wire Dia	Labels/Roll	
B-498 – Vinyl Cloth							
M-7-498	BK on WT	.5	.5	22 -16 Gauge	0.110"	240	**$33.68**
M-11-498	BK on WT	.5	.75	16 - 10 Gauge	.160"	220	**$33.75**
M-163-498	BK on WT	.5	1	12 - 10 Gauge	.210"	180	**$33.14**
M-18-498	BK on WT	.75	1	12 - 10 Gauge	.210"	180	**$34.70**
M-19-498	BK on WT	1	1	12 - 10 Gauge	.210"	160	**$29.71**
M-31-498	BK on WT	1	1.5	10 - 4 Gauge	.270"	160	**$34.93**

Automation & Electrical Component Markers
Various sizes, colors and label types for marking relays, solenoids, switches, drive motors, and other components.

Catalog #	Color	A Inch	B Inch	Labels/Roll	
B-422 – Gloss Polyester					
M-7-422	BK on WT	.5	.5	280	**$31.94**
M-17-422	BK on WT	1	.5	360	**$42.62**
M-19-422	BK on WT	1	1	200	**$36.00**
MC-1000-422	BK on WT	1	25'	1	**$56.69**
M-29-422	BK on WT	1.5	.5	360	**$47.32**
M-30-422	BK on WT	1.5	.75	200	**$44.32**
B-428 – Metalized Polyester					
M-17-428	BK on SV	1	.5	360	**$50.04**
M-24-428-BB	BK on SV	1.13	.5	360	**$44.04**
M-30-428	BK on SV	1.5	.75	260	**$44.75**
M-29-428	BK on SV	1.5	.5	360	**$57.06**
M-20-428	BK on SV	2	1	80	**$32.02**
B-483 – Ultra Aggressive Polyester					
M-61-483	BK on WT	2	.5	80	**$22.66**
M-20-483	BK on WT	2	1	80	**$28.84**
B-499 – Nylon Cloth					
M-11-499	BK on WT	.75	.5	220	**$26.58**
M-84-499	BK on WT	.9	.5	200	**$27.52**
M-132-499	BK on WT	1.25	1.5	160	**$49.58**
M-78-499	BK on WT	1.9	1	100	**$37.96**
B-595 – Indoor / Outdoor Vinyl Tape					
MC-1000-595-OR-BK	BK on OR	1	25'	1	**$47.25**

PermaSleeve PS Wire Marking Sleeves
These heat-shrink sleeves are the ultimate in marker durability, permanence and aesthetic appearance. Fast shrink rate saves time and costs during installation. Available as individual die-cut markers or continuous cut-to-length tubing.

Catalog #	Color	A Inch	B Inch	Wire Gauge	Max. Wire Diameter	Labels/ Roll	
B-342 – PermaSleeve PS Wire Marking Sleeve							
MC-125-342	BK on WT	.235	7 ft	22-16 Gauge	0.046 - 0.110	1	**$38.94**
MC-125-342-YL	BK on YL	.235	7 ft	22-16 Gauge	0.046 - 0.110	1	**$38.94**
MC-187-342	BK on WT	.335	7 ft	20-10 Gauge	0.062 - 0.150	1	**$42.76**
MC-187-342-YL	BK on YL	.335	7 ft	20-10 Gauge	0.062 - 0.150	1	**$42.76**
MC-250-342	BK on WT	.439	7 ft	16-8 Gauge	0.094 - 0.215	1	**$47.07**
MC-250-342-YL	BK on YL	.439	7 ft	16-8 Gauge	0.094 - 0.215	1	**$47.07**
MC-375-342	BK on WT	.645	7 ft	12-4 Gauge	0.125 - 0.320	1	**$68.99**
M-125-1-342	BK on WT	1.015	.235	22-16 Gauge	0.046 - 0.110	80	**$41.02**
M-187-1-342	BK on WT	1.015	.335	20-10 Gauge	0.062 - 0.150	80	**$45.05**
M-375-1-342	BK on WT	1.015	.645	12-4 Gauge	0.125 - 0.320	80	**$78.10**

Control Panel and Electrical Panel Labels
Long-lasting, durable materials to quickly identify control and electrical panels.

Catalog #	Color	A Inch	B Inch	Labels/Roll	
B-428 – Metalized Polyester					
M-17-428	BK on SV	1	.5	360	**$50.04**
M-29-428	BK on SV	1.5	.5	360	**$57.06**
M-20-428	BK on SV	2	1	80	**$32.02**
B-595 – Indoor / Outdoor Vinyl Tape					
MC-1500-595-WT-BK	BK on WT	1.5	25 ft.	1	**$55.45**
MC-1500-595-YL-BK	BK on YL	1.5	25 ft.	1	**$55.85**
MC-1500-595-OR-BK	BK on OR	1.5	25 ft.	1	**$55.85**
MC-1500-595-BL-WT	WT on BL	1.5	25 ft.	1	**$55.85**
MC-1500-595-RD-WT	WT on RD	1.5	25 ft.	1	**$55.85**
MC-1500-595-GN-WT	WT on GN	1.5	25 ft.	1	**$55.85**
MC-1500-595-WT-RD	RD on WT	1.5	25 ft.	1	**$55.85**
MC-1500-595-CL-BK*	BK on CL	1.5	20 ft.	1	**$37.23**

BBP®31 SIGN & LABEL PRINTER

The Way Label Making Should Be.

The BBP®31 Sign & Label Printer is exactly how a printer is supposed to be. It's easy to use. It's packed with functionality. And best of all, it's got so many material options that this one printer can handle all of the labeling needs in your facility.

Seriously simple operation.
This printer is simple, your whole team can use it. Just type & print. It's really that easy.
- Large touch-screen display with "touch and drag" moving and sizing
- 2-touch printing – just walk up and print!
- Drop, lock and print smart chip supplies for automatic label formatting
- Full size fold-down keyboard
- Stand alone or PC-connect operation

Multiple Label Types for every function

Chock-full of capabilities.
This one printer can take on all the different labeling needs of your facility. There are so many options packed into this printer, your applications are endless.

- Prints labels from ½" to 4" wide
- 192 built-in graphics, with quick import options for graphics and fonts
- Wizard-style apps for pipe ID, arc flash, and RTK chemical labels
- Templates for common label styles such as signs with headers and a library of 266 pre-made "pick and print" signs and labels

Hundreds of material options.
The BBP®31 Sign & Label Printer can print on continuous supplies, pre-cut labels and even pre-printed sign headers and chemical labels. Choose from:

- Indoor/Outdoor Grade Vinyl (12 colors)
- Pre-printed Right-to-Know Labels
- Magnetic Labels
- Raised Profile Engraved Plate
- Tag Stock
- Pre-printed ANSI/OSHA Safety Signs
- Reflective Tape
- And more!
- Low-Halide Polyester (16 colors)
- Repositionable Vinyl
- Glow-in-the-Dark Tape
- Substitute Labels
- Tamper Evident Labels
-Cold Temperature Labels
- Self-Laminating Wire Markers

BBP31	Sign & Label Maker	**$1795.00**
BBP31-360B	BBP31 Printer with Brady 360 Basic Plan	**$2154.00**
BBP31-360P	BBP31 Printer with Brady 360 Preferred Plan	**$2395.00**
BBP31-360B-MWS	BBP31 Printer with Brady 360 Basic Plan and Markware Std Software	**$2590.00**
BBP31-360B-MWL	BBP31 Printer with Printer with Brady 360 Basic plan and MarkWare Lean Software	**$2590.00**
BBP31-360P-MWS	BBP31 Printer with Brady 360 Preferred plan and MarkWare Std Software	**$2790.00**
BBP31-360P-MWL	BBP31 Printer with Brady 360 Preferred plan and MarkWare Std Software	**$2790.00**

*BBP31 Sign & Label Printer ships with printer, power cord, USB cable, drivers CD, stylus, cleaning kit, cutter cleaning tool, quick start guide and documentation holder

BBP31 Ribbons
- Tough, smear-proof ribbons that produce long-lasting printed text
- Print can withstand years in industrial areas and outdoor conditions
- Ribbons ship in cartridges that drop straight into printer with a "click"

Colors Available
- Black (B30-R10000)
- Black* (B30-R4300)
- Black* (B30-R6000)
- White
- White**
- Red
- Green
- Blue
- Yellow
- Orange
- Magenta

B30-R10000	BBP31 Heavy-Duty Print Ribbon - Black	**$103.79**
B30-R4300	BBP31 Heavy-Duty Print Ribbon - Black	**$53.00**
B30-R6000	BBP31 Heavy-Duty Print Ribbon - Black	**$53.00**
B30-R10000-BL	BBP31 Heavy-Duty Print Ribbon - Blue	**$103.79**
B30-R10000-GN	BBP31 Heavy-Duty Print Ribbon - Green	**$103.79**
B30-R10000-MA	BBP31 Heavy-Duty Print Ribbon - Magenta	**$103.79**
B30-R10000-OR	BBP31 Heavy-Duty Print Ribbon - Orange	**$103.79**
B30-R10000-RD	BBP31 Heavy-Duty Print Ribbon - Red	**$103.79**
B30-R10000-WT	BBP31 Heavy-Duty Print Ribbon - White	**$103.79**
B30-R4400-WT	BBP31 Heavy-Duty Print Ribbon - White	**$53.00**
B30-R10000-YL	BBP31 Heavy-Duty Print Ribbon - Yellow	**$103.79**

* NOTE: B30-R4300 ribbon for use with B-427 and B-438 materials only. B30-R6000 ribbon for use with B-593 material only.
** NOTE: B30-R4400-WT ribbon for use with B-593 material only.

BBP31 Labels

Brady Indoor/Outdoor Vinyl (B-595)
For general facility and safety identification: Our best industrial vinyl yet.

Available Colors:

- White	- Green	- Gold
- Yellow	- Orange	- Gray
- Red	- Black	- Purple
- Blue	- Brown	- Clear

Features:
- Durable, low-shrink vinyl with our most aggressive adhesive
- Conforms to irregular, curved, rough and highly textured surfaces (painted cinder blocks, uneven wood, textured plastics, paper-jacketed pipes, powder-coated surfaces)
- Adheres to "difficult" low-surface energy items (PVC piping, blow-molded equipment cases, ABS plastics, recycled plastics)

B30C-4000-595-XX	4" x 100' Indoor/Outdoor Vinyl	**$221.98**
B30C-3000-595-XX*	3" X 100' Indoor/Outdoor Vinyl	**$197.31**
B30C-2250-595-XX	2.25" x 100' Indoor/Outdoor Vinyl	**$147.97**
B30C-1125-595-XX	1.125" x 100' Indoor/Outdoor Vinyl	**$98.63**
B30C-500-595-XX	0.5" x 100' Indoor/Outdoor Vinyl	**$61.60**

Brady BBP31 Low-Halide Polyester (B-569)
For labeling stainless steel and smooth surfaces.

Available Colors:

- Clear	- Blue	- Orange	- Tan
- White	- Light Blue	- Black	- Gray
- Yellow	- Sky Blue	- Brown	- Purple
- Red	- Green	- Ochre	- Pink

Features:
- Low-halide content for labeling stainless steel pipes and surfaces
- Applies best to very smooth surfaces and ideal for mounting to rigid panels

B30C-4000-569-XX	4" x 100' Low Halide Polyester	**$232.07**
B30C-3000-569-WT	3" x 100' Low Halide Polyester (white)	**$207.64**
B30C-2250-569-XX	2.25" x 100' Low Halide Polyester	**$158.77**
B30C-1125-569-XX	1.125" x 100' Low Halide Polyester	**$109.90**
B30C-500-569-XX	0.5" x 100' Low-Halide Polyester	**$73.25**

BBP31 Self-Laminating Cable & Wire Labels
For wire and cable identification: Our most popular wire & cable labels.

NOTE: Use ribbon catalog number B30-R4300 with these part numbers.

Features:
- Conformable material designed to adhere to highly curved surfaces, wires and cables
- Features a white printable area with clear "tail" that wraps around marker
- Clear tail serves as over-laminate to protect the text, providing superior resistance to abrasion, dirt, oils, solvents, water and excessive handling

	For Data Cables Sized to Fit	Wire Gauge	Labels	A	B	C	
B30-228-427	-	16-10 Gauge	4000	.5"	.75"	.375"	**$89.20**
B30-229-427	-	16-10 Gauge	4000	1"	.75"	.375"	**$89.20**
B30-232-427	2 pair/fiber coaxial, SM/MM	12-10 Gauge	3000	.5"	1"	.375"	**$89.20**
B30-179-427	2 pair fiber/coaxial, SM/MM	12-10 Gauge	3300	1"	1"	.375"	**$157.45**
B30-231-427	CAT-5, 4 pair UTP Copper	10-4 Gauge	2800	.5"	1.25"	.5"	**$89.20**
B30-227-427	CAT-5, 4 pair Copper/Fiber Coaxial	10-4 Gauge	2750	1"	1.25"	.5"	**$178.45**
B30-225-427	CAT-5, 4 pair UTP Copper	10-4 Gauge	1800	1.5"	1.25"	.5"	**$146.95**
B30-233-427	CAT-5, 4 pair Copper/Fiber Coaxial	10-4 Gauge	2300	1"	1.5"	.5"	**$178.45**
B30-234-427	CAT-5, 4 pair Copper/Fiber, Coaxial	10-4 Gauge	1500	1.5"	1.5"	.5"	**$146.95**
B30-223-427	25pair Copper, 4-12pair Fiber Coaxial	3 Gauge-2/0	1500	1"	2.5"	.75"	**$178.45**
B30-224-427	25pair Copper, 4-12pair Fiber Coaxial	3 Gauge-2/0	1000	1.5"	2.5"	.75"	**$146.95**
B30-188-427	50pair Copper,24pair Fiber Backbone	3/0-400kcmil	600	1.5"	4"	1"	**$146.95**
B30-226-427	100pair Copper,36pair Fiber Backbone	3/0-400kcmil	400	1.5"	6"	1.5"	**$146.95**

10% OFF YOUR NEXT BRADY PURCHASE* COUPON CODE: Brady

Brady BBP31 Pre-Cut Blank Labels
General purpose, peel-off-and-apply identification.

Available Colors:
- White
- Yellow

Features:
- Ideal for a wide range of labeling applications
- Includes 2 sizes that are pre-cut and pre-sized to fit heavy-duty rigid tags
- Indoor/outdoor grade material
- Conforms well to rough, irregular and "difficult to adhere to" surfaces

B30-25-595-BLNKXX	4" x 6" (175 Labels/Roll) Pre-Cut Blank Labels	**$221.98**
B30-241-595-BLNKXX	2.25" x 3" (300 Labels/Roll) Pre-Cut Blank Labels	**$142.89**
B30-219-595-BLNKWT	2.25" x 3.85" (250) White Pre-Cut Blank Labels	**$61.60**
B30-242-595-BLNKWT	1.125" x 2.85" (300) White Pre-Cut Blank Labels	**$98.91**

Retro Reflective Tape
For highly reflective identification that shines back brightly when struck by light.

Available Colors:
- Silver - Yellow - Orange

Features:
- Ideal for labeling outdoor poles & pedestals, jobsite equipment & roof-top equipment
- Recommended low light or inclement weather conditions

B30C-4000-584-XX	4" x 50' Retro Reflective Tape	**$305.39**
B30C-2250-584-XX	2.25" x 50' Retro Reflective Tape	**$195.42**
B30C-1125-584-XX	1.125" x 50' Retro Reflective Tape	**$122.12**

Repositionable Vinyl
For 5S and lean applications.

Available Colors:
- White
- Yellow

Features:
- Aggressive adhesive stays in place but removes cleanly w/o leaving adhesive residue
- Ideal for temporary, removable, & repositionable labels, like 5S & lean inventory labels

B30C-4000-581-XX	4" x 100' Repositionable Vinyl	**$221.98**
B30C-2250-581-XX	2.25" x 100' Repositionable Vinyl	**$147.97**
B30C-1125-581-XX	1.125" X 100' Repositionable Vinyl	**$98.63**
B30C-500-581-XX	0.5" x 100' Repositionable Vinyl	**$61.60**

Printable Magnetic Supply
Easiest and quickest material for removing and repositioning.

Available Colors:
- White
- Yellow

Features:
- Non-adhesive magnetic material that can be printed on directly
- Ideal for reusable and repositionable identification applications

B30C-4250-509-XX	4.25" x 25' Printable Magnetic Supply	**$122.12**
B30C-2500-509-XX	2.5" X 25' Printable Magnetic Supply	**$91.57**

Fast Connectors Tool Kit

The FAST Connector Tool Kit provides all the necessary installation tools required for fiber preparation of 250µm or 900µm fibers applied to AFL's new pre-polished FAST connectors. Included in the kit is the new Universal multimode/single-mode Cleaver (CT-30A), AFL's premier cleaver with a 16 position blade and built-in fiber scrap collector. The tool kit effectively contains all the industry standard termination tools and still permits an adequate storage area for extra FAST connectors for on-site convenience.

Kit Includes:
- Fiber Stripper
- Scissors
- Lint Free Cloth Wipes
- Fiber Prep Fluid
- Fast Connector Installation and Assembly Instructions
- Strip Length Template
- Assembly Video
- Carrying Case
- CT-30A Universal Cleaver

CS001201	FAST Connector Tool Kit	**$1325.00**
Fast Connectors		
FAST-SC-MM50-6	FAST-SC connector, 50/125um 6 Pack	**$52.80**
FAST-SC-MM62.5-6	FAST-SC connector, 62.5/125um 6 Pack	**$52.80**
FAST-SC-SM-6	FAST-SC connector, Singlemode 6 Pack	**$66.75**
FAST-SC-MM50L-6	FAST-SC connector, 10G Laser Optimized 50/125um 6 Pack	**$55.65**
FAST-ST-MM50-6	FAST-ST connector, 50/125um 6 Pack	**$55.10**
FAST-ST-MM62.5-6	FAST-ST connector, 62.5/125um 6 Pack	**$55.15**
FAST-ST-SM-6	FAST-ST connector, Singlemode 6 Pack	**$68.25**
FAST-ST-MM50L-6	FAST-ST connector, 10G Laser Optimized 50/125um 6 Pack	**$58.50**
FAST-LC-MM50-6	FAST-LC connector, 50/125um 6 Pack	**$58.35**
FAST-LC-MM62.5-6	FAST-LC connector, 62.5/125um 6 Pack	**$58.35**
FAST-LC-SM-6	FAST-LC connector, Singlemode 6 Pack	**$86.70**
FAST-LC-MM50L-6	FAST-LC connector, 10G Laser Optimized 50/125um 6 Pack	**$61.30**

Opt-X Fiber Tool Kits

49800-MTK

49800-FTK

49800-UTP

The Opt-X Light Fiber Tool Kit contains all the essential for field termination of Leviton's Fast-Cure & Threadlock connectors. It's convenient, cost-effective, as well as single/multimode compatible.

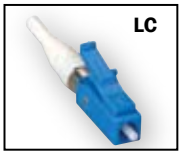
- All essential tools necessary for fiber connector terminations.
- Singlemode and multimode compatible.
- 100X inspection scope with oblique illumination, precision optics and laser safety filters.
- 900µm buffer remover tool provides easy buffer removal without breaking fiber, plus-0mm.
- +127mm accuracy without adjustments.

Opt-X-Fast-Cure Tool Kit Includes:
- Lightweight case
- 200x inspection scope
- Buffer remover
- Polishing pad
- 2.55mm & polishing fixture
- LC scope adapter
- Fiber optic crimp tool
- Safety glasses
- Scissors
- Jacket stripper
- Music wire

Opt-X Pro Tool Kit Includes:
- Compact lightweight case
- Jacket Stripper
- Buffer Remover (2)
- Scissors
- Marking pen
- Safety glasses
- Threadlock versa cleave tool
- Music wire
- Inspection scope
- Polishing pad & fixture

49800-MTK	Opt-X Light Tool Kit (fast-cure & threadlock connector compatible)	**$405.00**
49800-FTK	Opt-X Fast-Cure Tool Kit (Fast-cure connector compatible)	**$815.00**
49800-UTP	Opt-X Pro Tool Kit (threadlock connector compatible)	**$650.00**
49800-LAK	FastCAM Tool Kit w/ LYNX cleaver, work tray and gooseneck LED	**$1155.00**
49800-SMK	FastCAM Tool Kit w/ CT30A Cleaver	**$2145.00**

Fast-Cure Connectors



49990-MST	ST Fast-cure Multimode 62.5 or 50µm	**$4.25**
49990-MSC	SC Fast-cure Multimode 62.5 or 50µm	**$4.55**
49990-ML2	LC Fast-cure Multimode 3mm boot	**$4.80**
49990-MDL	LC Fast-cure Multimode 9mm boot	**$4.80**
49990-SST	ST Fast-cure connector Singlemode	**$10.60**
49990-SSC	SC Fast-cure connector Singlemode	**$7.60**
49990-SL2	LC Fast-cure Singlemode 3mm boot	**$8.85**
49990-SDL	LC Fast-cure Singlemode 9mm boot	**$8.80**

Threadlock Connectors

REUSABLE CONNECTORS!

49884-MSC	SC threadlock Multimode 62.5 or 50µm	**$11.10**
49882-MST	ST threadlock multimode 6.25 or 50µm	**$7.95**
49884-SSC	SC threadlock singlemode connector	**$13.25**
49882-SST	ST threadlock singlemode connector	**$7.35**
49885-SBS	Fiber optic silicone build-up sleeve kit	**$4.80**
49884-DPC	Threadlock SC duplex clip (25 bag)	**$11.50**

LEVITON CONNECTORS

Fiber Termination Kit

Achieve faster fiber terminations and higher performance with Siemon's LightSpeed Termination Kit. This kit contains all the tools required for termination of singlemode or multimode ST or SC connectors - packaged in a rugged canvas case. All consumables are available in consumables kit.

- The case is constructed using a durable, black canvas material and designed with interior padded pouches and exterior velcro flap pockets providing security plus easy access to all items.
- A universal polishing puck is used for both ST and SC connectors
- All tools, consumables, & accessories are of the best quality for ease of use.
- A universal jack stripper is used for stripping simplex fiber cable with a diameter range of .75 - 4.0mm
- A non-slip work mat is included. The mat is constructed of a soft material for making fiber terminations.
- New cleave tool features a double-sided sapphire blade to provide twice the usable life.

The Siemon LC upgrade kit is used in conjunction with the LightSpeed Termination Kit (FTERM-L2) and has all the accessories to terminate LC connectors using Siemon's exclusive LightSpeed adhesive. The kit includes an LC polishing puck and a micro-torch* (to shrink the color-coded LC crimp sleeve tubings).

FTERM-LC: Fiber Termination Upgrade Kit

FTERM-L2

FTERM-L2	LightSpeed Fiber Termination Kit	**$895.00**
FTERM-LC	Fiber Termination LC Upgrade Kit	**$215.00**

Siemon connectivity utilizes ceramic ferrules in conjunction with our LightSpeed® Termination Kits to deliver superior quality and optical performance.

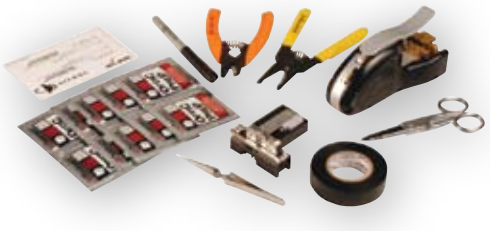
CONNECTORS

FC1-LC-MM-B80	LC Multimode, buffered fiber, beige foot	**$5.08**
FC1-LC-SM-B02	LC Singlemode, jacketed fiber, white foot	**$8.75**
FC1-SC-MM-B80	Multimode buffered fiber, beige foot	**$5.10**
FC1-SA-MM-B80	Multimode, buffered fiber, beige foot	**$5.75**
FC1-SA-SM-B02	Simplex, Singlemode buffered fiber	**$11.25**

XLR8 Fiber Termination Kit

Siemon's new XLR8 mechanical splice termination kit incorporates an exclusive dual-process activation tool which dramatically reduces termination time per connector. The tool kit is universal - capable of terminating both SC and LC interfaces.

- Single Step Termination - XLR8 tool combines both splice activation and mechanical crimp into a single, optimized step
- Robust Process - Single-step termination eliminates the need to handle the connector between splice and crimp processes, maintaining integrity of the splice
- Flexible Ergonomics - Tool optimized for use in handheld or table-top orientation
- Reduced Risk of Polish Contamination - All termination steps completed w/connector dust cap in place
- LC/SC Compatibility - Tool terminates both LC and SC connectors with no time-consuming changeover required
- Fiber Alignment Aid - Smooth alignment channel simplifies fiber insertion and avoids damage to fiber end face
- Precision cleaver - Kit features a user-friendly fiber cleaver designed to provide clean, precise and high performance cleaves on an array of fiber types



Product Contains

- Activation tool	- Buffer stripper	- Precision cleaver	- Marker	- Electrical tape
- Jacket stripper	- Scissors	- Strip template	- Alcohol pads	- Convenient carrying case

FTERM-XLR8	XLR8 Fiber Termination Kit	**$1735.00**

Fiber Connectors		
FC1M-LC-5L-B12	LC Simplex, 50/125µm Laser Optimized, 900µm buffered fiber, Aqua boot (XGLO)	**$13.75**
FC1M-LC6MM-B80	LC Simplex connectors, 62.5/125µm multimode, 900µm buffer fiber, beige boot (LightSystem)	**$13.05**
FC1M-LC-5MM-B01	LC Simplex connector, 50/125µm multimode, 900µm buffered fiber, black boot (LightSystem)	**$13.75**
FC1M-LC-SM-B06	LC Simplex connector, singlemode, 900µm buffered fiber, blue boot (XGLO and LightSystem)	**$18.45**
FC1M-SC-5L-B12	SC Simplex connector, 50/125µm laser optimized, 900µm buffered fiber, aqua boot (XGLO)	**$13.75**
FC1M-SC-6MM-B80	SC Simplex connector, 62.5/125µm multimode, 900µm buffered fiber, beige boot (LightSystem)	**$13.25**
FC1M-SC-5MM-B01	SC Simplex connector, 50/125µm multimode, 900µm buffered fiber, black boot (LightSystem)	**$13.75**
FC1M-SC-SM-B06	SC Simplex connector, singlemode, 900µm buffered fiber, blue boot (XGLO and LightSystem)	**$16.35**

FSM-18S Fusion Splicer

The FSM-18S Fusion Splicer is a low cost, fixed V-Groove, single fiber fusion splicer with the same robust features offered in other high end models. The new rugged construction added improved reliability by resisting shock, dust, and rain, and withstand a 30" drop test.

Applicable Fibers	Single-mode, Multimode, DS, NZDS
Cladding Diameter	125µm
Fiber Cleave Length	8 to 16mm with 250µm coating diameter, 16mm with 900µm coating dia.
Average Splice Loss	0.05dB with SM, 0.02dB with MM, 0.08dB with DS, 0.08dB with NZDS
Splicing Time	Typical 11 seconds with standard single-mode fiber
Arc Calibration Method	Automatic, real-time by using results of splice when in AUTO, Manual
Splicing Modes	100 preset and user programmable modes
Splice Loss Estimate	Based upon dual camera cladding axis alignment data
Storage of Splice Result	Last 2000 results to be stored in the internal memory
Fiber Display	X or Y, or both X and Y simultaneously
Magnification	300X for single X or Y simultaneously; front or rear monitor display options
Viewing Method	Dual cameras with 4.1" TFT color LCD monitor with anti-reflective coating
Operation Condition	0 to 3.660m above sea level, 0 to 95%RH, -10 to 50°C
Mechanical Proof Test	1.96 to 2.25N
Tube Heater	Built-in tube heater with 30 heating modes; auto-start function
Protection Sleeve Length	60mm, 40mm, micro
Splice/Heat with Battery	Typical 150 cycles with power save functions activated
Power Supply	100 to 240V AC or 10 to 15V DC with ADC-1, 13.2V DC w/BTR-08 battery
Wind Protection	Maximum wind velocity of 15m/s (34mph)
Dimensions	5.3"W x 6.3"D x 5.6"H

Splicer Includes:

- ADC-13 AC Adapter
- ACC-14 AC Cord
- Spare Electrodes
- Sheath Clamp
- USB Cable
- Splicer Carrying Strap
- Quick Reference Guide
- Video Instruction Manual
- Sleeve Cooling Tray
- Transit Case
- CT30A Cleaver & stripper (S014528 & S014560)
- BTR-08 Battery, & DCC-14 Battery Cord (S014560)

S014527	FSM-18S Fusion Splicer (Machine Only)	**$6250.00**
S014528	FSM-18S Fusion Splicer Kit (with Cleaver and Stripper)	**$7150.00**
S014560	FSM-18S Fusion Splicer Kit (with Cleaver, stripper, battery and cord)	**$7475.00**

FSM-60S Fusion Splicer

FSM-60S splices a fiber in 9 seconds & heats a 60mm splice sleeve in 30 seconds, for a time of only 39 seconds. New software included provides the ability to download splice data to a PC for splice data reporting, download splicer operating software via the internet to maintain peak performance.

Applicable fibers	Single-mode, Multimode, DS, NZDS
Cladding/coating dia.	80µm to 150µm/100µm to 1000µm
Fiber cleave length	8 to 16mm with 250µm coating dia, 16mm with 900µm coating dia
Average splice loss	0.02dB with SM, 0.01dB with MM, 0.04dB with DS, 0.04dB with NZDS
Arc calibration method	Automatic, real-time by results of splice when in AUTO mode, Manual
Splicing modes	100 preset and user programmable modes
Splice loss estimate	Based upon dual camera core alignment data
Storage of splice result	Last 2000 results to be stored in the internal memory
Fiber display	X or Y, or both X & Y simultaneously, Front or rear monitor display options
Magnification	300X for single X or Y view, or 187X for X and Y view
View method	Dual camera with 4.1" TFT color LCD monitor
Operation condition	0 to 5000m above sea level, 0 to 95%RH and -10 to 50°C
Mechanical proof test	1.96 to 2.25N
Tube heating time	30 sec. w/FP-03 sleeve, 35 sec. w/FP3(40), 35-55 sec. w/micro sleeves
Protection sleeve length	60mm, 40mm, micro
Splice/heat with battery	Typical 160 cycles with power save function activated
Power supply	100-240V AC or 10-15V DC w/ADC-11, 13.2V DC w/BTR-08 battery
Wind protection	Maximum wind velocity for 15m/s (34mph)
Weight	5.1lbs with AC adapter ADC-11; 5.9lbs with BTR-08 battery

Splicer Includes:

- FSM-11S Fusion Splicer
- FH-50-250 Fiber Holders
- BTC-04 Battery Charger
- BTR-07 Battery
- Space Electrodes (Pair)
- Operation Manual
- Transit Case
- CT-30 Cleaver (kit only)

S014531	FSM-60S Splicer (Machine Only)	**$15000.00**
S014532	FSM-60S Splicer Kit (w/cleaver)	**$15800.00**
S014562	FSM-60S Splicer Kit (w/cleaver, battery, & cord)	**$16225.00**

Splice Sleeves

Splice Protection Sleeves
Specially designed for optical components. These micro sleeves provide the known reliability of sleeves in the smallest possible lengths.

Standard Sleeves: Dimensions & Applicable Fiber (Solid in packs of 250)						
Part #	**Model**	**Fiber**	**Len.**	**Cleave L.**	**Dia. After**	**Price**
FP-03 for single fiber up to 900 microns						
S000065	FP-03	-	60mm	16mm	3.1mm (max)	**$155.00**
S000206	FP-03(40)	-	40mm	10mm	3.1mm (max)	**$170.00**
FP-04(T) and FP-05 for ribbon fiber (coating thickness of 0.44mm or less)						
S002105	FP04(T)	8	40mm	10mm	4.1mm (max)	**$1050.00**
S003027	FP-05	12	40mm	10mm	4.5mm (max)	**$475.00**

MicroSleeves: Dimensions & Applicable Fiber (Sold in Packs of 250)						
FPS01-900 Series for single fibers up to 900 Micron Fiber						
S012684	FPS01-900-15	-	15mm	4mm	2.3mm	**$175.00**
S012688	FPS01-900-20	-	20mm	6mm	2.3mm	**$212.50**
S011954	FPS01-900-25	-	25mm	6mm	2.3mm	**$170.00**
S012692	FPS01-900-34	-	34mm	13mm	2.3mm	**$225.00**
S012696	FPS01-900-45	-	45mm	16mm	2.3mm	**$375.00**
FPS01-400 Series for single fibers up to 400 Micron Fiber						
S014088	FPS01-400-12	-	4mm	4mm	1.5mm	**$212.50**
S012668	FPS01-400-15	-	4mm	4mm	1.5mm	**$212.50**
S012672	FPS01-400-20	-	8mm	8mm	1.5mm	**$212.50**
S012676	FPS01-400-25	-	10mm	10mm	1.5mm	**$162.50**
S012680	FPS01-400-34	-	15mm	15mm	1.5mm	**$175.00**
S011914	FPS01-400-40	-	16mm	16mm	1.5mm	**$170.00**

Fiber Optic Cable Tester

- Simple, versatile, and user-friendly design
- Rugged, compact, and splash proof aluminum housing
- 650nm laser
- High output ≥ 0.5mW
- Continuous wave output mode (CW) for steady illumination
- Blinking output mode increases viewing contrast
- Support 2.5mm connect (for PC/FC/SC/ST)
- The button switch permits one-handed operation

Range approx. 4km

Specifications:	
Laser Class	Class 3A laser dicode
Operating Temp.	0 ~ +40°C
Storage Temp.	0 ~ +50°C
Dimension length	160mm, dia 13.5mm

902-186	Fiber optic cable tester	**$89.95**

Fiber Optic Visual Fault Finder

- Connector Type 1.25mm (LC)
- Nominal Wavelength 650nm±10nm
- Diameter: 1/2”
- Batteries 2X AAA (not included)
- Individual Packing box w/black EVA inner case

Specifications:	
Light Source	Class 3A laser diode
Temperature Operating Temp.:	0~40°C
Storage Temp.:	-20°C~60°C
Size Length:	6”

MT-7509	Fiber optic visual fault finder	**$92.35**

VFF5 Visual Vault Finder

The Visual Fault Finder is a light source used to locate break, poor mechanical splices and damaged connectors is fiber optic cables. Its perfect to verify continuity, test and find breaks in fiber links, or anywhere fiber optic cables are terminated and subject to mechanical damage

VFF5 includes:

- Carrying Case
- Lens Cap
- Batteries
- Lanyard
- Instruction sheets

VFF5	VFF5 visual fault finder	**$275.00**

VisiFault

The visual fault locator can locate fibers, verifies continuity and polarity, and helps find breaks in cables, connectors, and splices. Compatible with 2.5mm and 1.25mm connector for easy connection.

- Bright red visible laser light source
- Speeds fiber tracing and identification
- Case survives drops, impacts, & vibrations
- 80 hours of battery life w/2 AA batteries

VisiFault	VisiFault visual fault finder	**$325.00**

HILite & VFI2 Visual Fault Finders

The HILite and VFI2 are compact but powerful visible red laser designed to troubleshoot faults on fiber optic cables. Light generated by these units will escape from sharp bends and breaks in jacketed or bare fibers, as well as poorly mated connectors. They can identify faults in fiber optic jumper cables, distribution frames, patch panels, and splices trays.

VFI2	Visual fault finder	**$370.00**
HILITE	Visual fault finder keychain	**$265.00**

Visual Fault Finder

- Continuous wave output mode for steady fault location.
- Find breaks to 3km.
- Blinking output mode increases viewing contrast.
- Easy & quick interface fits all 2.5mm connector interfaces (FC, ST, SC).
- Ergonomic rotary switch permits easy one-handed operation.
- Rugged, compact and splash proof aluminum design.

170XL	Visual fault finder	**$405.00**

100-200x Inspection Scopes

Leviton’s inspections scopes allow techs to view multimode and singlemode end-face polished safely and reduce change of over polishing (a side effect of many coaxial inspection scopes). The 200X scope features oblique viewing technology, ergonomic grip, 200X magnification and full laser eye protections through wavelength of 850-1550 nanometer.

49886-SCP	100x inspection scope	**$195.00**
49886-FSP	200x inspection scope	**$220.00**

FiberViewer Inspection Scope

Use FiberViewer microscopes to ensure fiber terminations are smooth and clean. Avoid the #1 cause of fiber link failure: dirty end-faces.

- Easy, manual focus of precision optics
- Factory-tested filters to protect eyes from harmful light exposure
- Universal adapters allow for inspection of end faces on many different connector types
- Available in 200x or 400x

FT120	FiberViewer 200x inspection scope	**$425.00**
FT140	FiberViewer 400x inspection scope	**$480.00**

OWL Installer Series test kits

Download and Print Reports with these economical Fiber Testers

The real value of OWL Installer Series test kits is the ability to certify fiber links, a feature no fiber cable installer should go without. Not only are customers increasingly demanding printed certification reports for their fiber installations, certification reports are also proof of an installer's job well done in case of disputes.

Wouldn't it make more sense to spend less for a test kit with superior specifications AND fiber certification report printing?

That's what you get with OWL Installer Series test kits.

IS-KIT-M	Installer Series Multimode Test Kit	**$740.00**
IS-KIT-Q	Installer Series Quad Multimode/Singlemode Test Kit	**$1535.00**

Many fiber optic network bids and Requests For Quote (RFQ) are citing cabling standards to specify the set of guidelines (such as fiber length) that the network installer must follow during the network installation. Adherence to such standards is meant to ensure the quality of the installation and guarantee that the network will perform as it was designed.

The process of testing a network installation to ensure its adherence to specified standards is called certification, and often requires hardcopy documentation as proof of adherence to standards. The Installer Series Quad MM/SM Test Kit contains the tools necessary for certifying fiber optic links against a myriad of cabling standards, including two user-customizable standards, in both multimode and singlemode networks.

The Micro OWL 2 optical power meter is multimode and singlemode ready, and contains a user-friendly Fiber Link Wizard that performs link budget calculation, and sets a reference value using the characteristics of the link. This reference is the PASS/FAIL threshold and is calculated against the chosen standard. Up to 1000 fiber runs may be stored, and downloaded to a PC for report generation using our OWL Reporter software. Its universal port allows connections to ST, SC, and FC, and also includes a 1.25mm universal port for connection to LC, MU, and other SFF connectors.

The WaveSource Quad fiber optic light source contains all four popular industry-standard wavelengths in a single unit, designed for accurate testing and certification of multimode (850nm & 1300nm) and singlemode (1310nm & 1550nm) networks. Its quad-wavelength outputs are temperature-stabilized for accurate measurements, and are housed in SC connector ports.

Optical Fiber Inspection Scope

The OFS 300 offers 60 hours of continuous battery life from standard 2 x AA batteries and features an LED indicator, which will flash when batteries require replacement.

The Noyes OFS 300 from AFL Telecommunications is a versatile Optical Fiber Scope with precision 200X magnification. This handheld and rugged scope is used for inspection of optical fiber connectors for scratches, dirt, or other problems normally associated with poor transmission performance.

A built-in laser safety filter provides > 40 dB IR protection to reduce risk of injury to the eye if accidentally viewing an active fiber. The OFS 300 features a universal adapter cap mount that accepts a variety of Noyes thread-on style adapter caps to ease inspection of many connector style. A momentary power switch located on the top panel keeps one hand free for focusing.

- Laser safety filter installed
- Universal adapter interface
- Low battery LED indicator
- Long battery life with 2 x AA alkaline
- Tripod mount
- Rugged, handheld, easy to use

OFS-300-200C	200x optical fiber inspection scope	**$410.00**

Screw-On Adapter Caps

8800-00-0224

8800-00-0200

8800-00-0202

8800-00-0209

8800-00-0224	1.25mm universal screw-on adapter cap	**$55.00**
8800-00-0214	2.5mm universal screw-on adapter cap	**$55.00**
8800-00-0200	FC screw-on adapter cap	**$55.00**
8800-00-0209	SC screw-on adapter cap	**$55.00**
8800-00-0202	ST screw-on adapter cap	**$55.00**
8800-00-0221	E-2000 screw-on adapter cap	**$205.00**
8800-00-0204	Biconic screw-on adapter cap	**$55.00**

The standard thread-on adapter caps are used to mate non-angled and angled single-fiber and dual-fiber connectors to optical power meter ports on OPM power meters and OFS inspection scopes.

8800-00-0203	SMA screw-on adapter cap	**$55.00**
8800-00-0225	LC simplex/duplex screw-on adapter cap	**$110.00**
8800-00-0210	ESCON screw-on adapter cap	**$299.00**
8800-00-0211	DIN 47256 screw-on adapter cap	**$55.00**
8800-00-0205	FDDI screw-on adapter cap	**$55.00**
8800-00-0201	D4 screw-on adapter cap	**$55.00**
8800-00-0219	OptiTap 2.5mm screw-on adapter cap	**$55.00**
8800-00-0223	1000µm bare fiber (plastic) adapter cap	**$55.00**
8800-00-0226	MU simplex screw-on adapter cap	**$115.00**
8800-00-0230	MT-RJ (A side only) screw-on adapter cap	**$115.00**
8800-00-0231	MT-RJ (A or B side) screw-on adapter cap	**$120.00**

Single/Multimode Test Kit w/Wave ID & Set Reference

The SMLP5-5 test kit combines the OPM5-2D optical power meter and OLS4 integrated LED and LASER light source and is ideally suited for testing fiber optic networks with hybrid (single-mode and multimode) cables.

Using the supplied Windows compatible software and USB connection, test records may be transferred to a PC for storage, display, analysis, and printing.

Test Results Storage, Transfer, and Post Processing with TRM™

The OPM5 File Management system allows technicians to organize test results into multiple files and transfer stored results via USB to a PC for analyzing, generating reports, and printing.

The supplied powerful PC Analysis & Reporting Tool (TRM - Test Results Management software) allows users to apply industry standards based rules to test results and create comprehensive certification reports. Users can generate network Pass/Fail results demonstrating compliance to industry standards and illustrate headroom. TRM is a Windows® compatible software.

Features
- Hand-held, rugged, lightweight
- Test single-mode and multimode networks
- USB port for transfer of stored results
- TRM™ Reporting Software (Windows compatible)
- Certification Testing and Report Generation

Applications
- Certify multimode and single-mode links per TIA/EIA standards
- Fiber identification prior to splicing
- Passive Optical Networks (PON) testing
- Save test data for Report Generation with NOYES TRM™ Software

SLMP5-5 Contains:
- OLS4 optical light source
- OPM5-2D power meter
- AA batteries
- Protective rubber boots
- Adapter cap
- Windows® software and user's guide
- 50 and 62.5 µm mandrels
- Carry case

SMLP5-5	Single/multimode test kit w/data storage	**$2800.00**

Contractor Series Test Kit with Set Reference

Economically Priced!

Combining the CSM2 optical power meter and the CSS-MM Dual LED light source, the CMK2 is a cost-effective test kit designed for performing insertion loss measurements on multimode fiber optic links.

CKM Contains:
- CSS1-MM Dual LED source
- CSM1-2 optical power meter
- AA batteries
- 2.5mm universal adapter cap
- UCI-SC connector
- 50 and 62.5 µm mandrels
- User's guide

CKSM Contains:
- CSS1-MM Dual LED source
- CSS1-SM Dual Laser source
- CSM1-2 optical power meter
- AA batteries
- 2.5 mm universal adapter cap
- UCI-SC connector
- 50 and 62.5 µm mandrels
- User's guide

CKSM-2	Multi/singlemode contractor series test kit	**$1545.00**
CKM-2	Multimode contractor series test kit	**$796.00**

Single-mode Test Kit with Wave ID & Set Reference

These test kits combine an optical power meter and the Laser light source and is ideally sited for testing SM fiber optic networks. The SLP5-6D performs loss measurements on SM fiber at 1310 & 1550nm.

SLP4-6D Contains:
- OLS2-Dual optical light source
- OPM5-4D optical power meter
- AA batteries
- protective rubber boots
- adapter cap
- USB cable
- Windows® compatible software and user's guide
- SLP5-6D test kit user's guide
- carry case

SLP5-6D Contains:
- OLS2-Dual optical light source
- OPM4-4D optical power meter
- AA batteries
- protective rubber boots
- adapter cap
- SLP4-6D test kit user's guide
- Carry case

SLP4-6D	Singlemode test kit	**$2060.00**
SLP5-6D	Singlemode test kit with data storage	**$2435.00**

SimpliFiber Pro Fiber Optical Loss Test Kits

FTK-1450

FTK1350

FTK1300

FTK2000

FTK1000

With new advanced capabilities that make testing simple, SimpliFiber® Pro Optical Power Meter and Fiber Test Kits are the best "go-to" kits for anyone involved in first-line optical fiber cabling installation and verification. Whether you are a fiber technician or contractor, our expertly configured kits contain all the tools necessary to quickly measure loss and power levels, locate faults and polarity issues, and inspect and clean connector end-faces. Industry-leading features such as single-port dual-wavelength testing and auto-wavelength detection, combined with time-saving capabilities such as CheckActive™, FindFiber™, and Min/Max make SimpliFiber Pro the best fiber test kit on the market.

- Dual-wavelength testing – complete testing in half the time
- Additional wavelengths to include 1490 and 1625 – calibrated to extend from typical enterprise wavelengths for broader applications
- Min/Max – precision tracking of intermittent power fluctuations, a superior alternative to the inaccurate "wiggle" test
- CheckActive – audible tone and display icon alerts you to a live wire
- Saves 1000 results – large internal memory enables continuous testing and recording; fully compatible with our popular LinkWare™ Cable Test Management Software
- Quickly locate cable fault, polarity, and connector problems with VisiFault VFL*
- Inspect end-faces at 200x magnification with the FT120 FiberViewer or FT500 FiberInspector Mini*

*Not available in all kit configurations

Features	FTK1450	FTK1350	FTK1300	FTK2000	FTK1000
SimpliFiber Pro power meter	•	•	•	•	•
850/1300 multimode source (SC port)	•	•	•		•
1310/1550 singlemode source (SC port)	•			•	
FindFiber Remote ID source	(2)	•	•		
FT120 FiberViewer optical microscope			•		
VisiFault VFL	•	•	•		
LC and ST adapters	•	•	•		
FT500 FiberViewer video microscope	•	•			
NFC-KIT-BOX cleaning equipment	•				
Carrying case	•	•	•	•	•

FTK1450	Complete fiber verification kit	**$6535.00**
FTK1350	Verification kit w/fiberinspector mini	**$4455.00**
FTK1300	Verification kit w/fiberviewer	**$3205.00**

FTK2000	Basic verification kit	**$3025.00**
FTK1000	Basic verification kit	**$2155.00**

FiberMASTER Fiber Optic Test Kit

FiberMASTER power meter and light source

The FiberMASTER kit

- Calibration Function - stores reference power level for quick dB loss measurements eliminating the need to manually calculate loss.
- Save Time and Money - power meter features 2.5mm universal and FC adapters, light source includes ST, SC and FC adapters to test the most common interfaces.
- Ready for FTTx - 1490nm measurement wavelength for use with nearly all single mode Fiber To The Home applications.

Kit Contains:

- Light source
- Power meter
- FC-SC 62.5um multimode cables SC calibration coupler
- Carrying case
- English, Spanish, German, French, Portuguese, Italian and Chinese user's manual

33-928	Complete fiber verification kit	**$755.00**

SignalTEK-II

Handheld cable and network qualifier designed to confirm correct installation of copper and fiber cabling capable of supporting voice, video, data and CCTV applications over 10/100 Megabit or Gigabit Ethernet. SignalTEK II is essential for all installers of data cabling whether working in residential premises, small to medium-sized offices, or Ethernet environments.

Functions	SignalTEK II	SignalTEK II FO
Endpoint LAN testing over copper	•	•
IPv4 & IPv6	•	•
Advanced wiremap including length	•	•
Wiremap for cross-over cables (copper)	•	•
Wiremap for 2 pair copper cables	•	•
Wiremap for industrial cables	•	•
PoE/PoE+ detection + load current test	•	•
Tone generator	•	•
Traceroute test & Ping test	•	•
Port blink for visual cable tracing	•	•
Choice of power sources	•	•
DHCP client	•	•
10/100/1000 Mb/s	•	•
Network scan	•	•
Results storage/export	•	•
Near-End and remote loopback units supplied	•	•
Compatible with NaviTEK II/LanXPLORER active remotes	•	•
Full Gigabit cable performance test	•	•
VoIP performance test through hubs and switches	•	•
Web performance test through hubs and switches	•	•
Video performance test through hubs and switches	•	•
CCTV performance test through hubs and switches	•	•
User-exchangeable RJ45 inserts	•	•
Backlit color screen	•	•
Fiber performance test		•
Optical power indication		•
Endpoint LAN testing over fiber		•

Full Gigabit bi-directional load testing	Ethernet troubleshooting capabilities	Load test through hubs and switches	Suitable for both copper and fiber	Wiremapping by pin as well as pair	Reporting of test results
Test cabling and live networks with full-rate Ethernet traffic to 1Gbps for true performance Qualification	Maximize Return on Investment with the added ability to identify Ethernet, Power over Ethernet (PoE) and PoE+ issues, in addition to verifying Ethernet connectivity	Save money by measuring available network speed without needing to purchase a separate transmission tester	Eliminate the need to purchase and carry multiple different testers by using one device to conduct active and passive testing across both copper and fiber networks	Save time on the job and locate wiremap faults more quickly and accurately by testing via both pin and pair, detecting split pairs and identifying the distance to fault	Simplify customer reporting and create accurate documentation on jobs undertaken using SignalTEK II to generate and store test results in standards compliant XML format.

Versions to suit all requirements

SignalTEK II is available in two models with specifications to meet all user needs. SignalTEK II which operates on copper networks and SignalTEK II FO which operates on both copper and fiber optic networks

SignalTEK II - Operates on copper networks		
R156000	SignalTEK® II	**$1835.00**
1 x Near-End unit, 1 x Remote unit, 2 x Power module, 2 x Mains PSU/charger, 2 x 30cm RJ45 cable, 1 x Quick reference guide, 1 x User manual CD, 1 x Carrying case		
SignalTEK II FO - Operates on both copper and fiber optic networks		
R156001	SignalTEK® II FO	**$2195.00**
1 x Near-End unit, 1 x Remote unit, 2 x Power module, 2 x Mains PSU/charger, 2 x 30cm RJ45 cable, 1 x Quick reference guide, 1 x User manual CD, 1 x Carrying case		

Accessories		
150054	1 x Active remote No. 1	**$42.00**
150050	1 x Active remote set No. 2 – 12	**$445.00**
151053	1 x NiMH power module	**$84.95**
150055	2 x Patch cables - 30cm, Cat. 5e STP	**$29.95**
151051	1 x Power supply with EU/UK/US adaptor	**$94.95**
SFP-850	2 x 1000BASE-SX, 850nm SFP modules (R156000) w/o Jumpers	**$300.00**
SFP-1310	2 x 1000BASE-LX, 1310nm SFP modules (R156000) w/o Jumpers	**$775.00**
SFP-1550	2 x 1000BASE-ZX, 1550nm SFP modules (R156000) w/o Jumpers	**$1400.00**
62-164	1 x IDEAL amplifier probe	**$101.10**
150056	1 x Optical fiber multimode 2m duplex cable with LC-LC connectors	**$91.95**
150057	1 x Optical fiber singlemode 2m duplex cable with LC-LC connectors	**$99.95**
150059	1 x Active remote set No. 2 to No. 6	**$204.00**
156050	1 x Carry case	**$105.00**
150058	1 x RJ45 insert extraction tool, 10 x Lifejack RJ45 inserts	**$150.00**

Singlemode & Multimode Fiber Optic Test Sets

Descriptions:	5670	5680	5890
Insertion Loss Test Set for Multimode Fiber	•	•	•
Connector for FC, SC, or ST	•	•	•
Rugged package design	•	•	•
Easy-to-use portable package	•	•	•
850/1300nm loss measurements	•		•
1310/1550nm loss measurements		•	•
Included with Kits			
560XL Optical Power Meter	•		•
580XL Optical Power Meter		•	
570XL 850/1300nm LED Source	•		•
580XL 1310/1550nm LED Source		•	•
SOC Adapter	•	•	•
914B Carrying Case	•	•	•

5670XL-__*	Multimode Fiber Optic Test Set	**$1149.00**
5680XL-__*	Singlemode Fiber Optic Test Set	**$1530.00**
5890XL-__*	Multimode/Singlemode Fiber Optic Test Set	**$1995.00**

**The last two letters of the model number represents the type of interface of the individual kit: FC, SC, or ST*

Data centers are growing, fueled by the proliferation of media, virtualization and the need for more security and storage. This creates a high demand for 40 Gbps+ fiber links. Whether it is using 10 Gbps pre-terminated fiber trunks or planning for next-generation 40/100 Gbps performance, data centers are standardizing on Multi-fiber Push-on (MPO) connector solutions.

"SCAN ALL" Function: Scan All function in the MultiFiber Pro Power Meter automatically scans and tests all 12 fibers in MPO connectors taking just 6 seconds to complete all loss or power measurements. This feature automates the testing of MPO terminated fibers and eliminates the time consuming and manual process of moving the tester from fiber to fiber while using fan-out cords.

Built-in Polarity Verification: The simple purpose of any polarity scheme is to provide a continuous connection from the link's transmitter to the link's receiver. For array connectors, TIA-568-C.0 defines three methods to accomplish this. The polarity measurement of MultiFiber Pro allows the user to test individual patch cords, permanent links, and channels for correct polarity.

On-board MPO connector: The MPO connector on both the OPM and OLS eliminates the use of costly & complicated fan-out cords to test MPO fiber trunks.

Simple User Interface: Simplifies the task of simultaneously presenting polarity, power, and loss results for 12 fibers. The power meter enables the users to easily comprehend the measurement results of 12 fibers simultaneously. The light source identifies each fiber within the MPO connector being tested. Any individual measurements that fail the test limit is identified to allow root-cause analysis. This powerful yet straightforward test set enables everyone to become a fiber testing expert increasing efficiency in testing data center projects.

Select an Individual Fiber: Drilling down to a single fiber during testing and troubleshooting is always a challenge in data centers. MuliFiber Pro can troubleshoot a single fiber within an MPO trunk to provide a single fiber test result. This increases MPO connector verification and troubleshooting flexibility with more precise reporting.

Environmental	
Operating temperature	-10°C to +50°C
Storage temperature	-20°C to +50°C
Operating humidity	95% (10°C to +35°C) non-condensing
	75% (35°C to +45°C) non-condensing
	Uncontrolled <10°C
Operating altitude	4,000 m
Storage altitude	12,000 m
Vibration Random	2 G, 5 Hz to 500 Hz
Optical Power Meter (Specifications apply at 23°C (73°F), unless otherwise noted.)	
Detector type	InGaAs
Calibrated wavelengths	850 nm, 1300 nm, 1310 nm, 1550 nm
Measurement range	0 dBm to -50 dBm
Power measurement linearity	±0.1 dB1
Power measurement uncertainty	±0.35 dB
Power measurement repeatability	< 0.10 dB
Display resolution, dB or dBm	0.01
Power display units	dBm, mW, µW
User-selectable limit for loss	0.05 dB to 50.0 dB, in increments of 0.05 dB up to 10.0 dB and 0.1 dB up to 50.0 dB
Auto wavelength detection	Yes
Polarity detection	Detects A, B, C, and Corning Plug & Play™ Universal Systems polarities
2 kHz detection	Yes
Record storage	3000 records, one fiber per record (250 12-fiber cables)
External interface	USB 2.0, full speed
Optical connector	MPO interface for 12-fiber, unpinned plugs. Compatible with 62.5 µm, 50 µm, and singlemode fibers. Connector has a self-closing, protective cover.
Power requirement	2 AA alkaline batteries
Battery life2	>30 hours (typical)
Automatic power-off	10, 20, 30, or 60 minutes (can be disabled by the user)
Low battery warning	Low battery icon blinks
Size	5.7 in x 3.2 in x 1.5 in
Weight	10.9 oz (309 g)
850nm Source (Specifications apply at 23°C (73°F), unless otherwise noted)	
Emitter type	LED: 850 nm
Wavelength	850 nm: ±30 nm
Spectral width (FWHM)	850 nm: +/- 50 nm (typical)
Output power	850 nm: ≥24 dBm. Max difference between channels +/-1dB
Power output stability3	≤ ±0.1 dB over 8 hours
Encircled flux	Meets ANSI/TIA-526-14-B, ISO/IEC 14763-3, and IEC 61280-4-1 for 50/125 µm at the source's optical connector.
Optical connector	MPO interface for 12-fiber, unpinned plugs. Compatible with 62.5 µm and 50 µm.
Modes	2 kHz modulated, auto wavelength
Power requirement	2 AA alkaline batteries
Battery life4	>30 hours (typical)
Automatic power-off	10, 20, 30, or 60 minutes (can be disabled by the user)
Low battery warning	Low battery icon blinks
Size	5.6 in x 3.2 in x 1.6 in
Weight	10.9 oz (309 g)

1. For 850 nm, 0 dBm to -50 dBm. For 1300, 1310, 1550 nm, -5 dBm to -50 dBm
2. Measured power levels ≤0 dBm. Backlight on. Battery life depends on the condition and type of batteries used. Fluke Networks recommends alkaline batteries
3. 23 °C ±2 °C, after 10 minutes of warm-up time.
4. Auto wavelength,SCAN ALL, and backlight on. Battery life depends on the condition and type of batteries used. Fluke Networks recommends alkaline batteries.

Model	Description	
MFTK1200	MultiFiber Pro Testing Base Kit includes MultiFiber Pro Power Meter, 850 light source, test cords, MPO adapters, MPO OneClick Cleaner, and carrying case	**$9995.00**
MFTK1400	MultiFiber Pro Testing and Inspection Kit includes MFTK1200, FT600 FiberInspector Pro with NF370 MPO tip	**$13995.00**
MFPOWERMETER	MultiFiber Pro Optical Power Meter	**$5995.00**
MFMULTIMODE-SOURCE	MultiFiber Pro Mulitmode 850 nm LED light source	**$4995.00**
FT600	FiberInspector Pro	**$3780.00**
NF370	MPO Fiber Inspection Adapter Tip for FT600	**$1075.00**
TRC-MPO-PP-B	1 m test cord with MPO/MPO, Pinned/Pinned, Type B polarity	**$280.00**
TRC-MPO-UP-B	1 m test cord with MPO/MPO, Unpinned/Pinned, Type B polarity	**$280.00**
TRC-MPO-UU-B	0.3 m test cord with MPO/MPO, Unpinned/Unpinned, Type B polarity	**$280.00**
BKC-MPO-ULC	1 m breakout cord for MPO Unpinned LC connector	**$900.00**
BKC-MPO-USC	1 m breakout cord for MPO Unpinned SC connector	**$900.00**
ADP-MPO-B	Type B polarity MPO adapter	**$30.00**
GLD-MF	1 YR GOLD for MFPOWERMETER/MFMULTIMODE-SOURCE	**$1212.00**
GLD-MFTK	1 YR GOLD for MFTK1200, MFTK1400	**$1752.00**
NFC-IBC-1.25mm	OneClick cleaners for 1.25 mm LC and MU connector and patch cord (5 qty)	**$333.00**
NFC-IBC-2.5mm	OneClick cleaners for 2.5 mm SC, ST, FC connectors and patch cord (5 qty)	**$333.00**
NFC-IBC-MPO	OneClick cleaners for MPO connector (5 qty)	**$451.00**
NFC-KIT-CASE-E	Enhanced Fiber Optic Cleaning Kit Includes (1) OneClick cleaner for 1.25mm connectors, (1) OneClick cleaner for 2.5mm connectors, (1) OneClick cleaner for MPO connectors, a solvent pen, a cleaning cube and a soft case	**$266.00**

Datacomtools.com™ Free Ground Shipping on Orders over $99.00. In the contiguous states, certain items may not apply

Enhanced Fiber Optic Cleaning Kit

Includes (1) OneClick cleaner for 1.25mm connectors, (1) OneClick cleaner for 2.5mm connectors, (1) OneClick cleaner for MPO connectors, a solvent pen, a cleaning cube and a soft case

NFC-KIT-CASE-E	Enhanced Fiber Optic Cleaning Kit	**$266.00**

Fiber QuickMap

Fiber QuickMap is an enterprise fiber troubleshooter that quickly and efficiently locates connections and breaks in multi-mode fiber. By instantly providing distances to failures such as high loss and high reflectance incidents.

- One-button testing – can be used straight out of the box with no user-setup required
- Six-second test time, eliminating blind troubleshooting that can last hours
- Locate incidents in the channel to provide visibility of any problematic links and connections
- Locate high loss incidents or breaks, the most common causes of multimode fiber failure
- Locate and measure high reflective incidents, which cause poor network performance

FQM-MAIN: Enterprise Fiber Troubleshooter with carrying pouch
FQM-KIT: Fiber QuickMap, SC/SC and SC/LC (50 & 62.5 µm) hybrid test reference cords, and carrying pouch
FTS900: Fiber QuickMap, SC/ LC (50 and 62.5 µm) hybrid test reference cords, VisiFault VFL, and carrying pouch
FTS1000: Fiber QuickMap, SC/SC and SC/LC (50 and 62.5µm) hybrid test reference cords, VisiFault VFL, SimpliFiber Pro power meter and multimode source, and carrying case
FTS1100: Fiber QuickMap, SC/SC and SC/LC (50 and 62.5µm) hybrid test reference cords VisiFault VFL, SimpliFiber Pro power meter and multimode source, FT500 FiberInspector Mini video microscope, and carrying case

FQM-MAIN	Fiber QuickMap	**$1999.00**
FQM-KIT	Fiber QuickMap Kit	**$2399.00**
FTS900	Fiber QuickMap Kit	**$2649.00**
FTS1000	Fiber QuickMap Troubleshooter Kit	**$4249.00**
FTS1100	Fiber QuickMap Troubleshooter Kit	**$4249.00**
NFK1-1SMPLX-SC	Test cord, 62.5/125 µm, SC/SC, 1m	**$52.00**
NFK1-1SMPLX-LC	Test cord, 62.5/125 µm, SC/LC, 1m	**$52.00**
NFK1-1SMPLX-ST	Test cord, 62.5/125 µm, SC/ST, 1m	**$52.00**
NFK2-1SMPLX-SC	Test cord, 50/125 µm, SC/SC, 1m	**$52.00**
NFK2-1SMPLX-LC	Test cord, 50/125 µm, SC/LC, 1m	**$52.00**
NFK2-1SMPLX-ST	Test cord, 50/125 µm, SC/ST, 1m	**$52.00**

NF-OPRT-SC	SC Fiber QuickMap port	**$82.00**
NFK1-LAUNCH	CABLE KIT, SC/SC, 62.5UM	**$250.00**
NFK1-LAUNCH-FC	CABLE KIT, SC/FC, 62.5UM	**$250.00**
NFK1-LAUNCH-LC	CABLE KIT, SC/LC, 62.5UM	**$250.00**
NFK1-LAUNCH-ST	CABLE KIT, SC/ST, 62.5UM	**$250.00**
NFK2-LAUNCH	CABLE KIT, SC/SC, 50UM	**$250.00**
NFK2-LAUNCH-FC	CABLE KIT, SC/FC, 50UM	**$250.00**
NFK2-LAUNCH-LC	CABLE KIT, SC/LC, 50UM	**$250.00**
NFK2-LAUNCH-ST	CABLE KIT, SC/ST, 50UM	**$250.00**
NFK2-LAUNCH-E2K	CABLE KIT, SC/E2K, 50UM	**$250.00**

Fiber OneShot Pro

Takes the complexity out of singlemode testing by analyzing links & measuring faults up to 15 miles in less than 5 sec.

- One-button troubleshooting – no lengthy set-up necessary
- Six-second test time – no more blind troubleshooting that can last up to hours
- Locate high loss incidents or breaks – find the most common causes of fiber failure
- Locate reflective incidents – discover causes of bit error rates, a primary source of network performance degradation
- Locate multiple incidents – quickly see potentially problematic connections in the channel

- **FIBR-1-SHOTPRO** includes meter, SC adapter, 22-language quick reference guide on CD, manual and batteries.
- **FIBR-1-KITPRO** Includes meter, SC adapter, UPC-UPC 2-meter patch cord, holster, case, 22 language quick reference guide on CD, manual & batteries
- **FIBR-1-KITPRO-VF** includes meter, SC adapter, UPC-UPC 2-meter patch cord, holster, case, 22-language quick reference guide on CD, manual & batteries plus the VisiFault Visual Fault Locator with 2.5 mm universal adapter
- **FIBR-1-KITPRO-PM** includes meter, SC adapter, UPC-UPC 2-meter patch cord, holster, case, 22-language quick reference guide on CD, manual & batteries plus SimpliFiber Pro optical power meter and SC adapter
- **FIBR-1-KITPRO-VFPM** includes meter, SC adapter, UPC-UPC 2-meter patch cord, holster, case, 22-language quick reference guide on CD, manual & batteries plus the VisiFault Visual Fault Locator w/2.5 mm universal adapter & SimpliFiber Pro optical power meter & SC adapter
- **FQM-KIT** includes Fiber QuickMap, SC/SC and SC/LC (50 & 62.5 µm) hybrid test reference cords and carrying pouch

FIBR-1-SHOTPRO	Fiber OneShot PRO only	**$1699.00**
FIBR-1-KITPRO	Fiber OneShot PRO-SC-Kit	**$1799.00**
FIBR-1-KITPRO-VF	Fiber OneShot PRO-SC-Kit w/VisiFault	**$1999.00**
FIBR-1-KITPRO-PM	Fiber OneShot PRO-SC-Kit w/SimpliFiber Pro	**$2599.00**
FIBR-1-KITPRO-VFPM	Fiber OneShot PRO-SC-Kit w/VisiFault & SimpliFiber Pro	**$2799.00**
FQM-KIT	Fiber QuickMap Kit	**$2399.00**

Accessories for the Fiber OneShot PRO		
FIBR-UPC-CORD-2M	2m UPC-UPC patch cord	**$71.00**
NFK3-LAUNCH	Launch fiber, 9/125µm, SC/UPC to SC/UPC, 130m	**$250.00**
NFK3-LAUNCH-ST	Launch fiber, 9/125µm, SC/UPC to ST/UPC, 130m	**$250.00**
NFK3-LAUNCH-LC	Launch fiber, 9/125µm, SC/UPC to LC/UPC, 130m	**$250.00**
NFK3-LAUNCH-FC	Launch fiber, 9/125µm, SC/UPC to FC/UPC, 130m	**$250.00**

Greenlee's 920XC series are handheld, full-featured OTDR for cable acceptance testing and fault locating. The Autotest function automatically chooses the optimal measurement settings, scans the fiber under test and performs fiber analysis displaying length of fiber and the loss of each event in an easy-to-read table. Also available is the graphical user interface to navigate the trace signature for more detailed views of specific fiber events.

The 920XC series OTDR is indispensable and the ideal tool that all premise technicians and LAN/WAN contractors need in their toolbox. The 920XC-20M series handheld OTDR is designed for enhanced user convenience with its large color LCD display and graphical user interface. The user can activate the measurements function easily by the press of one button.

920XC-20M Features

- Economical, Compact handheld design
- Fast automated testing
- Up to 22db dynamic range
- Large backlight LCD display
- Measure length and defects of coiled fiber
- Fiber analysis software for data management and report generation
- RS-232/USB interface10~ NiMH batteries for 8 hours continuous use

All other 902XC's feature

- Up to 38db dynamic range
- Large backlight LCD display
- Measure length and defects of coiled fiber
- Fiber analysis software for data management and report generation
- 1625 nm operation for live fiber testing
- RS-232/USB interface

920XC-SM-MM		Single and Multi-Mode OTDR Kit	**$8740.00**
Multi	**920XC-20M PC FC**	Handheld OTDR, 850/1300nm, FC/PC	**$4369.85**
Multi	**920XC-20M PC SC**	Handheld OTDR, 850/1300nm, SC/PC	**$4369.85**
Multi	**920XC-20M PC ST**	Handheld OTDR, 850/1300nm, ST/PC	**$4369.85**
SingleMode	**920XC-20C UPC SC**	Handheld OTDR, 1310/1550nm, SC/UPC	**$4475.00**
SingleMode	**920XC-20C UPC FC**	Handheld OTDR, 1310/1550nm, FC/UPC	**$4475.00**
SingleMode	**920XC-20C UPC ST**	Handheld OTDR, 1310/1550nm, ST/UPC	**$4475.00**
SingleMode	**920XC-20C APC SC**	Handheld OTDR, 1310/1550nm, SC/APC	**$4475.00**
SingleMode	**920XC-20C APC FC**	Handheld OTDR, 1310/1550nm, FC/APC	**$4475.00**
SingleMode	**920XC-30P UPC SC**	Handheld OTDR, 1310/1490/1550nm, SC/UPC	**$5615.00**
SingleMode	**920XC-30P UPC FC**	Handheld OTDR, 1310/1490/1550nm, FC/UPC	**$5615.00**
SingleMode	**920XC-30P UPC ST**	Handheld OTDR, 1310/1490/1550nm, ST/UPC	**$5615.00**
SingleMode	**920XC-30P APC SC**	Handheld OTDR, 1310/1490/1550nm, SC/APC	**$5615.00**
SingleMode	**920XC-30P APC FC**	Handheld OTDR, 1310/1490/1550nm, FC/APC	**$5615.00**
SingleMode	**920XC-30F UPC SC**	Handheld OTDR, 1310/1550/1625nm, SC/UPC	**$6815.00**
SingleMode	**920XC-30F UPC FC**	Handheld OTDR, 1310/1550/1625nm, FC/UPC	**$6815.00**
SingleMode	**920XC-30F UPC ST**	Handheld OTDR, 1310/1550/1625nm, ST/UPC	**$6815.00**
SingleMode	**920XC-30F APC SC**	Handheld OTDR, 1310/1550/1625nm, SC/APC	**$6815.00**
SingleMode	**920XC-30F APC FC**	Handheld OTDR, 1310/1550/1625nm, FC/APC	**$6815.00**

Multimode Model	**920XC-20M**	
Wavelength (± 20nm)	850	1300
Dynamic Range (dB)	18	22
Event Deadzone (m)	7	
Attenuation Deadzone (m)	20	
Emitter Type	LED	
Pulsewidth	12/30/100/275/1us	30/100/275/1us/2us
Selectable Ranges (km)	0.1/0.3/0.5/1.3/2.5/5/10	0.1/0.3/0.5/1.3/2.5/5/10/20/40/80
Average Time	15s/30s/1min/2min/3min	
Distance Measurement Accuracy	±(1m + 5 X 105 x distance + sampling space)	
Connector Type	PC (interchangeable FC, SC, ST)	
Fiber Analysis Software		
Reflection Detect Accuracy	±4 dB	
Attenuation Detect Accuracy	±0.05 dB/dB	
Measurement Data Storage	1,000 test curves	
Data Transmission	RS-232/USB port	
General		
Power Supply	NiMH chargeable battery/AC adapter	
Battery Life	Support over 8 hrs operating on one charge or over 20 hrs standby	
Operating Temperature	-10° to 50° C	
Storage Temperature	-20° to 60° C	
Relative Humidity	0 to 95% (non-condensing)	
Weight	1.9 lbs. (0.87 kg)	
Dimensions	7.7" H x 3.9" W x 2.4" L (196mm x 100mm x 64mm)	

920XC OTDR Contains:

Instrument including rechargeable battery, OTDR Trace Viewer software, installation disk, Data transfer cable, AC adapter, protective cover, carrying case, warranty card, CE/ FCC certificate, certificate of calibration. Default language is English and Spanish.

Accessories		
AC-ADPT-20-UNI	Universal Power Supply	**$95.35**
AC-CONN-FC-L2	FC Connector (For UPC & APC)	**$110.00**
AC-CONN-SC-L2	SC Connector (For UPC & APC)	**$110.00**
AC-CONN-ST-L2	ST Connector (For UPC Only)	**$110.00**
920XC-QR	920XC Quick Reference Guide	**$13.55**

Singlemode Model	**920XC-20C**	**920XC-30F**	**920XC-30P**
Wavelength (± 20nm)	1310/1550	1310/1550/1625	1310/1490/1550
Dynamic Range (dB)	35	38	38
Event Deadzone (m)	2.5	1.5	2.5
Attenuation Deadzone (m)	14	10	14
Emitter Type	Laser		
Pulsewidth	5, 10, 30, 100, 30, 1us, 2.5us, 10us, 20us		
Selectable Ranges (km)	0.3/1.3/2.5/5/10/20/40/80/120/160/240		
Average Time	15s/30s/1 min/2 min/3 min		
Distance Measurement Accuracy	±(1m + 5 X 105 x distance + sampling space)		
Connector Type	PC or APC (interchangeable FC, SC, ST		
Visual Fault Locator			
Wavelength	650nm	N/A	
Peak power output	3mw	N/A	
Connector interface	(interchangeable FC, SC, ST)	N/A	
Fiber Analysis Software			
Reflection Detect Accuracy	±4 dB		
Attenuation Detect Accuracy	±0.05dB/dB		
Measurement Data Storage	1,000 test curves		
Data Transmission	RS-232/USB port		
General			
Power Supply	NiMH chargeable battery/AC adapter		
Battery Life	Support over 8 hrs operating on one charge or over 20 hrs standby		
Operating Temperature	-10° to 50° C		
Storage Temperature	-20° to 60° C		
Relative Humidity	0 to 95% (non-condensing)		
Weight	1.9 lbs. (0.87 kg)		
Dimensions	7.7" H x 3.9" W x 2.4" L (196mm x 100mm x 64mm)		

Fiber Optic Patch Cords

10GB Fiber Optic Patch Cords

62.5/125µm Fiber Optic Patch Cords

50/125µm Fiber Optic Patch Cords

LC Fiber End

ST Fiber End

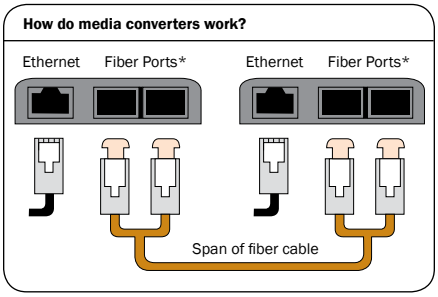
SC Fiber End

10G	**SC-SC Connector**		**SC-LC Connector**		**LC-LC Connector**	
1 Meter	SCSC10G-1M	**$22.40**	SCLC10G-1M	**$25.25**	LCLC10G-1M	**$25.45**
3 Meters	SCSC10G-3M	**$26.25**	SCLC10G-3M	**$29.85**	LCLC10G-3M	**$30.00**
5 Meters	SCSC10G-5M	**$30.35**	SCLC10G-5M	**$34.35**	LCLC105-5M	**$34.55**
10 Meters	SCSC10G-10M	**$40.30**	SCLC10G-10M	**$45.75**	LCLC10G-10M	**$45.95**
62.5/125	**ST-ST Connector**		**ST-SC Connector**		**SC-SC Connector**	
1 Meter	STST6-1M	**$17.95**	STSC6-1M	**$19.25**	SCSC6-1M	**$20.25**
3 Meters	STST6-3M	**$20.00**	STSC6-3M	**$21.25**	SCSC6-3M	**$22.40**
5 Meters	STST6-5M	**$22.25**	STSC6-5M	**$23.50**	SCSC6-5M	**$24.50**
10 Meters	STST6-10M	**$27.75**	STSC6-10M	**$28.75**	SCSC6-10M	**$29.90**
62.5/125	**SC-LC Connector**		**LC-LC Connector**		**ST-LC Connector**	
1 Meter	SCLC6-1M	**$21.25**	LCLC6-1M	**$22.85**	STLC6-1M	**$20.25**
3 Meters	SCLC6-3M	**$23.55**	LCLC6-3M	**$25.15**	STLC6-3M	**$22.55**
5 Meters	SCLC6-5M	**$25.80**	LCLC6-5M	**$27.75**	STLC6-5M	**$24.85**
10 Meters	SCLC6-10M	**$31.50**	LCLC6-10M	**$33.75**	STLC6-10M	**$30.45**
50/125	**ST-ST Connector**		**SC-SC Connector**		**LC-LC Connector**	
1 Meter	STST5-1M	**$17.95**	SCSC5-1M	**$20.25**	LCLC5-1M	**$22.85**
3 Meters	STST5-3M	**$20.00**	SCSC5-3M	**$22.40**	LCLC5-3M	**$25.25**
5 Meters	STST5-5M	**$22.25**	SCSC5-5M	**$24.55**	LCLC5-5M	**$27.69**
10 Meters	STST5-10M	**$27.75**	SCSC5-10M	**$29.90**	LCLC5-10M	**$33.75**

Call for quotes on custom fiber assemblies

SignaMax Media Converters

Media Converters from Signamax are an easy and cost-effective way to establish a fiber optic cabling infrastructure within your existing network. Signamax provides a wide array of converters to support your Ethernet, Fast Ethernet, and Gigabit Ethernet requirements. For media conversion that can work within an existing Network Control Center, Signamax has rack mountable and chassis-based converter systems to support clustered installations, and stand-alone managed converters to handle dispatch to outlying locations and Fiber to the Home (FTTH) environments. Our series of unmanaged converters provides simplicity with Link Fault Signaling, to allow managed switches to reroute when a path fails, and the ability to force speed and/or duplex modes to work where less flexible converters cannot. If small size is a key requirement, our 10/100 to 100FX mini media converters provide high quality and small size at a fair price.



065-1100	10/100BaseT/TX to 100BaseFX Media Converter ST Multimode, 2 km Span	**$110.00**
065-1110	10/100BaseT/TX to 100BaseFX Media Converter SC Multimode, 2 km Span	**$110.00**
065-1174	10/100BaseT/TX to 100BaseFX Media Converter LC Multimode, 2 km Span	**$189.00**
065-1120	10/100BaseT/TX to 100BaseFX Media Converter SC Singlemode, 15 km Span	**$265.00**
065-1196	10/100/1000BaseT/TX to 1000BaseSX Media Converter SC Multimode, 220m Span on 62.5µm Fiber / 550m Span on 50µm Fiber	**$520.00**
065-1185	16-Bay Rack Mount Media Converter Chassis	**$525.00**

*Appearance may change depending on fiber adapter conversion. SC Multimode adapters shown

100BaseFX Singlemode To Multimode Converters

Signamax Connectivity Systems' 100BaseFX Singlemode to Multimode Converters provide efficient solutions for interconnecting multimode fiber LANs over longer distances by integrating singlemode fiber optic cable into the LAN. They also enable Ethernet LAN and WAN connectivity, by providing a multimode interface to singlemode fiber carrier demarcation points. Each Media Converter is enclosed in a compact, strong metal case and includes an external power supply for stand-alone applications. They can also be installed without modification in the Signamax 065-1185 Rack Mount Chassis system, featuring redundant power supplies for high reliability in multiple converter installations.

- LEDs Monitor Network Status
- Sturdy Metal Enclosure
- Singlemode Spans up to 75 Km
- Wall or Chassis-Mountable
- IEEE 802.3u Compliant
- Lifetime Performance Warranty

065-1130	100FX SM/SC, 15km to MM/ST, 2km Converter	**$435.00**
065-1130ED	100FX SM/SC, 40km to MM/ST, 2km Converter	**$555.00**
065-1132	100FX, SM/SC, 15km to MM/SC, 2km Converter	**$435.00**
065-1132ED	100FX SM/SC, 40km to MM/SC, 2km Converter	**$555.00**

Gigabit Ethernet Media Converters

Signamax Connectivity Systems' Gigabit Ethernet Media Converters make it simple to extend distances over multimode or singlemode fiber. They are designed to expand the scope of your Gigabit Ethernet network applications and are 100% compliant with Ethernet IEEE 802.3ab and 802.3z specifications. These converters maintain the same form factor as other Signamax media converters, allowing use in the 065-1185 16-Bay Signamax Rack Mount Chassis. Twisted pair to fiber optic converters for both multimode and singlemode fiber, multimode to singlemode converters, and singlemode to singlemode extenders are available. In addition, the 065-1195SFP model utilizes Small Form-factor Pluggable (SFP) modules for the 1000Base fiber connection, for maximum flexibility of use in changing network architectures.

- Converts Twisted-Pair to Fiber or SM Fiber to MM Fiber at GB Speed.
- Auto-MDIX for Twisted-Pair.
- LEDs for Functions & Activity.
- IEEE 802.3z & 802.3ab Compliant.
- 065-1195SFP Model Supports SFP Modules for Flexible 1000Base Fiber.
- Rack Mount or Standalone Operation.
- FCC Class A & CE Approved.
- Performance Warranty.

065-1194	100SX TO 1000LX MM/SC to SM/SC, 10km	**$865.00**
065-1194ED	1000SX to 1000LX MM/SC to SM/SC, 20km	**$990.00**
065-1195	1000T to 1000SX MM/SC, 220m 62.5µ/550m 50µ	**$290.00**
065-1195SFP	1000T to 1000Base SFP Converter	**$159.00**
065-1197ED	1000T to 1000LX SM/SC, 20km Converter	**$695.00**
065-1198XLD	1000LX to 1000LX SM/SC, 20km Repeater	**$1919.00**

Fiber Optic Cleaning Kits

The fiber optic kit for installation and maintenance, ITW Chemtronics has included only the cleaning supplies necessary for making a successful 2.5mm fiber optic connection. Electro-Wash PX precision fiber optic cleaner and QbE cleaning system are included for performing the CCp. Swabs are also included for cleaning ferrules, alignment sleeves and backplace connections. Electro-Wash MX premoistened wipes are included for tool and cable wiping. The swabs are packaged in rugged tubes for field operations. They are equipped with a carabineer to clip on a tool belt for transport or to clip a cable for convenient access.

Kits include:
- QbE cleaning system (200 sheets)
- Electro-Wash PX cleaner
- 2.5mm foam swabs (50 swabs)
- Lint-free wipes (100 4"x4" wipes)
- Electro-Wash MX premoistened wipes (5)
- Instructions
- Rugged bag with carabineer attachment

CFK1000 also includes:
- V-groove and ferrule cleaning swabs (50 swabs)
- Fusion splice mirror cleaning swabs (15 swabs)

CFK1000	FTTH Fiber Optic Cleaning Kit	**$115.00**
CFK1010	I&M Fiber Optic Cleaning Kit	**$89.00**

Fiber Optic Cleaning Kits

By using the specially formulated solvent, all contaminants are dissolved, static charge is neutralized and particles are lifted without scratching the end-face. The customized wipers and swabs are used to deliver the solvent to the end-face, entrap microscopic debris and absorb dissolved contaminants.

NFC-Kit-Case kit includes:
- Cleaning cube with wipes
- Ten cards with sealed cleaning zones
- Solvent pen
- 2.5mm port cleaning swabs
- 1.25mm port cleaning swabs
- Rugged carrying case

NFC-Kit-Box kit includes:
- Cleaning cube with wipes
- Five cards with sealed cleaning zones
- Solvent pen
- 2.5mm port cleaning swabs

NFC-Kit-Case	Cleaning Sticks Biconic/MPO	**$190.00**
NFC-Kit-Box	Cleaning Stick 1.6 & 2.0mm connectors	**$86.00**

Fiber Optic Cleaning Kits

Engineered specifically for removing microscopic particulate and oils from optical devices, the FiberCare family of optical cleaners deliver excellent value and performance. These products can be used on any optical device, photonics system or component.

Kit contains:
1 – Can Fiber Prep Fluid
1 – Can of Fiber Connector Cleaner
2 – Mini-tubs FiberWipes (180 total)
25 – FiberAide Wipes
20 – 1.25mm Cleaning Sticks (LC, MU)
30 – 2.5mm Cleaning Sticks (ST, FC, SC)
1 – Port cleaning instruction sheet

MCC-FK03	Fiber Optic Cleaning Kit	**$95.00**

Solvent Pen

- Contents: 9g or fiber optic solvent
- Felt-tip, spring-activate valve in aluminum pen
- Dimensions: 5.5" x 0.5

NFC-SolventPen	Solvent pen	**$10.00**

Cleaning Zone Cards

- Contents: 12 cleaning zones
- Dimensions: 3.75" x 2" x 0.1"
- Material: Lint-free 55% cellulose/45% polyester

NFC CARDS-5PACK	5 Cards with sealed cleaning zones	**$22.00**

Cleaning Cube

- Contents: 125 wipes – each cleans up to 4 end-faces
- Dimensions: 2" x 2" x 2"
- Material: Lint-free 55% cellulose/45% polyester

NFC CUBE	Cleaning cube with wipers	**$38.00**

MPO Cleaner

AFL Telecommunications

The MPO Cleaner is a high-performance device designed for cleaning the ferrule end-faces of MPO connectors. This tool cleans the fiber endface without the use of alcohol. It saves time by effectively cleaning all 12 fibers at once. The MPO connector cleaner is designed to clean both exposed jumper ends and connectors in adapters.

CS000710	MPO Cleaner	**$84.00**

Connector Cleaning System

GREENLEE

- Special lint-free fabric-on-a-reel quickly cleans ferrule endfaces of dust, oil, & contaminants.
- Cleaning system is self-contained.
- No need for alcohol.
- Single reel can be used for over 400 ferrules.

948	Connector Cleaning System	**$109.95**

IBC Brand Cleaner for MPO Style Connectors

USCONEC

The USConec IBC Brand Cleaners for multifiber connections are the first dry cloth cleaners specially designed to clean MT ferrule based connectors placed in an adapter, faceplate or bulkhead. This family of cleaners will clean both male and female MT ferrules.

The US Conec IBC Brand Cleaners for multifiber connections are simple to use and highly effective at removing oil and dust contaminants that can negatively impact optical performance.

- IBC Brand Cleaner for MPO style connectors
- Cleaning cloth made from high density woven micro fibers
- Adapter tip is supplied for cleaning unmated MPO style connectors

7104	IBC Brand Cleaner MPO	**$80.00**

IBC Cleaning Tools

The US Conec IBC Brand Cleaner are dry cloth cleaners specially designed to clean single fiber connectors residing in an adapter, faceplate or bulkhead. The dust cap of the cleaner acts as an adapter for cleaning unmated connectors.

- IBC Brand Cleaner SC for 2.5mm connectors designed for SC, ST, and FC for UPC & APC polishes
- IBC Brand Cleaner LC for 1.25mm connectors Designed for standard LC, LC secure key and MU for UPC & APC polishes
- IBC Brand Cleaner HC for Hardened connectors
- Designed for OptiTap compatible connector systems

9392	IBC Brand Cleaner SC	**$70.00**
9393	IBC Brand Cleaner LC	**$70.00**
9394	IBC Brand Cleaner HC	**$70.00**

NEOCLEAN R Cassette Cleaner

USCONEC

The disposable cassette cleaner that is palm sized, light weight and easy to use for cleaning fiber optic connector end faces. This cassette cleaning package offers an economical, all-dry cleaning solution. The sealed container prevents cloth contamination from external debris.

The NEOCLEAN R is easy to use and works by simply turning the cleaning wheel to expose a new section of cleaning cloth and swiping the connector.

The NEOCLEAN R provides 200+ cleanings per cassette. Cleaning cloth is made from highly dense woven fiber to reduce fraying during use.

8505	Cassette Cleaner LC, SC, FC, ST, MU, (F) MT connectors	**$42.35**
8504	Cassette Cleaner OptiTap - compatible connection system	**$42.35**

OPTIPOP R Refillable Cassette Cleaners

The OPTIPOP R is a cassette style fiber optic connector cleaner system that can be refilled for reducing cleaning costs. It uses a woven micro-fiber cleaning fabric to remove harmful contaminates off of the ferrule end face. The cassette cleaners will accommodate all single fiber connections. The OPTIPOP R cleaners will accommodate the alignment guide pins on male MT ferrules.

6338	OPTIPOP R cassette cleaner - Single Slot.	**$87.00**
6339	OPTIPOP R cassette cleaner - MPO Male.	**$87.00**
6437	OPTIPOP R cassette cleaner - Two Slot.	**$87.00**
8057	OPTIPOP R cassette cleaner - FTTX	**$87.00**
6340	OPTIPOP R cassette cleaner - MTRJ Male	**$90.00**
6232	OPTIPOP refill 6 pack.	**$150.00**

Fiber Optics Cleaner

- Cleans end-faces/connectors
- One-step buffer gel removal
- Cleans a range of oil & soils
- Use w/QbE Cleaning System or Econowipes™ wiper

ES810	**$9.95**

QbE® Cleaning System

- Complete Fiber Optic Cleaning System – No refills to buy or investment in expensive mechanisms to maintain

QBE	**$38.95**

Presaturated Wipe

- Cleans all soil types, removes organic and ionic soils
- Moderate evaporation rate increases cleaning power
- Leaves no residue

CP421	**$42.85**

IPA Presaturated Wipes

ITW Chemtronics

- Features ultra pure mixture of 70% IPA and 30% deionized water
- Features ultra pure mixture of 70% IPA and 30% deionized water or 91% IPA and 9% deionized water

SIP100P	**$23.95**

Cable IQ Qualification Tester

CableIQ is the first qualification tool designed for network technicians who need to troubleshoot connectivity problems and qualify cabling bandwidth. It sees if your cabling is qualified to support 10/100, VoIP or Gigabit Ethernet. Detects speed/duplex settings of attached switches and PCs. Intelligent wiremap graphically shows distance to faults. Intuitive, lightweight, and rugged.

- Sees if your existing cabling can support voice, VoIP, 10/100/Gigabit Ethernet
- Troubleshoots why existing cabling plant can't support the desired network bandwidth
- Discovers what's at the end of any cable and switch displays device configuration (speed/duplex/pairing)
- Frees-up switch ports and identifies unused links
- Graphically maps wiring configuration and shows distance to faults with Intelligent Wiremap
- Tests all copper cabling media: twisted-pair, coax, and audio cabling
- Locates and traces cable with IntelliTone™ digital signaling technology

CIQ-VOIP	VoIP Enterprise Service Kit	**$4235.00**
CIQ-GSV	CableIQ Gigabit Service Kit	**$2755.00**
CIQ-SVC	CableIQ Service Kit	**$2253.00**
CIQ-KIT	CableIQ Advanced IT Kit	**$1855.00**
CIQ-FTKSFP	Copper and Fiber Technician's Kit	**$3705.00**
CIQ-100	CableIQ Qualification Tester	**$1160.00**

CIQ-KIT

CIQ-SVC

CIQ-GSV

CIQ-VOIP

CIQ-FTKSFP

Accessories for the CableIQ Qualification Tester

CIQ-CIT	CableIQ IT Hard Carrying Case	**$88.00**
CIQ-COAX	CableIQ Coax Adapter Kit includes F-connector, BNC and RCA connectors	**$22.00**
CIQ-IDK24	CableIQ Remote Identifier Kit includes remote identifier numbers 2-4	**$26.00**
CIQ-IDK57	CableIQ Remote Identifier Kit includes remote identifier numbers 5-7	**$260.00**
CIQ-RJA	RJ45/11 Modular Adapter	**$50.00**
CIQ-SPKR	CableIQ Speaker Wire Adapter	**$61.00**
CIQ-WM	CableIQ Main Wiremap Adapter (replacement part for lost or damaged unit)	**$110.00**
CLIP-SET	Clip Set includes RJ45 to 8-clip test lead	**$49.00**
MT-8200-53A	IntelliTone 100 Probe Includes: IntelliTone 100 Probe, lanyard, owners CD and quick start guide, and 9 volt battery	**$100.00**
MT-8200-63A	IntelliTone 200 Probe Includes: IntelliTone 200 Probe, RJ11 and RJ 45 patch cables, lanyard, owners CD and quick start guide, and 9 volt battery	**$132.00**
Support		
GLD-CIQ	Gold Support for CableIQ (any model), 1 year	**$155.00**

AirCheck WiFi Tester

AirCheck allows users to quickly verify and troubleshoot 802.11 a/b/g/n network availability, connectivity, and security all in a dedicated, handheld tool. Its intuitive interface allows you to quickly see wireless network usage and easily determine if it's Wi-Fi traffic or non-Wi-Fi interference, plus identify and locate wireless APs whether authorized or rogue.

- Dedicated, handheld 802.11 a/b/g/n tester with instant-on technology
- Fully supports 2.4 and 5.0GHz frequency bands
- Rapidly perform a Wi-Fi discovery to fully assess your current wireless security settings & network availability
- See what's using your Wi-Fi network by channel & determine if it is 802.11 traffic or non-802.11 interference.
- Robust and in-depth WLAN connection tests - from probing to DHCP request to ping
- Quickly identify and locate access points whether authorized or rogue
- Fully documents your troubleshooting session – enabling fast trouble ticket resolution or problem escalation

AIRCHECK: Includes: AirCheck, USB cable, soft case, guide, & CD w/AirCheck manager software & manual

ACK-LRPRO

AIRCHECK	AirCheck Wi-Fi Tester	**$1925.00**
ES2-PRO-SX/I-ACK	EtherScope S2 LAN WLAN SX Fiber ITO + AirCheck	**$10695.00**
ES2-PRO-SXI-LR-ACK	EtherScope S2 LAN WLAN SC Fiber ITO + LRPRO + AirCheck-Kit	**$12495.00**
AIRCHECK/GLDES	AirCheck Wi-Fi Tester for EtherScope Gold Owners	**$1795.00**

ES2-PRO-SX/I-ACK

ES2-PRO-SXI-LR-ACK

Accessories for the AirCheck Wi-Fi Tester

EXTANT-RPSMA	External Directional Antenna, RSMA Connector	**$245.00**
WBP-LION	AirCheck Lithium Ion Replacement Battery	**$275.00**
POE-DETECTOR	Power over Ethernet Detector, 802.3AT	**$80.00**
MS-AUTO-CH	Auto Charger	**$49.00**
DTX-ACUN	AC Charger, Universal	**$57.00**
Support		
GLD-ACK	AirCheck Gold Support Services 1 yr	**$260.00**

Category 6 Cable Analyzers are Three times faster than existing testers with 9-second Cat 6 Autotest.

It all starts with 9-second Cat 6 Auto test that means you can meet TIA-568-B certification requirements and receive structured cabling warranties much faster than ever before. With all this speed also comes increased accuracy. The DTX is the only independently verified TIA Accuracy Level IV tester to obtain UL accuracy classification. And, you'll be prepared for emerging new cabling technologies such as 10Gig Ethernet thanks to DTX's 900MHz frequency range. You're ready for whatever the world throws at you - today and tomorrow.

- Exceeds spec requirements for Cat 5e/6 and Class E/D/F
- Independently verified by UL to meet ISO Level IV and proposed TIA Level IIIe Accuracy requirements
- Advanced time-saving diagnostics pinpoints fault and suggests corrective actions
- 900MHz future-proofs your investment for future applications such as 10 Gigabit Ethernet, Class F and CATV
- Resident fiber modules lets you switch between copper and fiber with the push of a button
- DTX significantly reduces total certification costs by as much as 33% a year

Advanced Diagnostics

The directions not only tell you the problem, but also identify corrective actions your test technicians can take to solve the problem quickly — all without having to consult with the project manager. Instead of spending time executing trial and error corrections — and re-testing to find out whether the problem has been resolved — the technician knows exactly where to look and what to do to fix the failing link.

Level IV Accuracy

Until now, testers have been designed to meet accuracy Level III. The more demanding accuracy Level IV specification has been proposed in ISO/IEC (international standards) to test Class F links to 600 MHz. DTX testers exceed this specification, assuring you of higher confidence in results over the full frequency range.

All DTX-1800 & DTX-1200 CableAnalyzers Include:

- LinkWare PC Software
- CAT 6A Permanent Link Adapters (2)
- Cat 6/Class E Channel Adapter (2)
- Headsets (2)
- AC Chargers (2)
- Carrying Case
- USB Interface Cable (Mini-B)
- Users Manual

DTX-1800	DTX-1800 CableAnalyzer	**$9900.00**
DTX-1200	DTX-1200 CableAnalyzer	**$8600.00**
DTX-1800-MS	DTX-1800 w/MM & SM Modules	**$20600.00**
DTX-1800-M	DTX-1800 w/MM Fiber Modules	**$14000.00**
DTX-1800-MSO	DTX-1800 Copper/Fiber/OTDR Kit	**$30835.00**
DTX-QUAD-OTDR	DTX-1800 Compact OTDR Kit	**$11425.00**
DTX-1200-M	DTX-1200 w/MM Fiber Modules	**$13400.00**
DTX-1200-MS	DTX-1200 w/MM & SM Modules	**$20000.00**

Features	DTX-1800	DTX-1200	DTX-1800-MS	DTX-1800-M	DTX-1800-MSO	DTX-QUAD-OTDR	DTX-1200-M	DTX-1200-MS
DTX-1800	•		•	•	•	•		
DTX-1200		•					•	•
Smart Remote	•	•	•	•	•	•	•	
DTX-MFM2 MM Fiber Modules			•	•	•		•	•
DTX-SFM2 SM Fiber Modules			•		•			•
DTX Compact OTDR Module					•	•		
Launch Fibers					•			
Fiber Inspector Mini					•			
Fiber Optic Cleaning Kit					•			
128MB MMC Card	•		•	•	•	•		
Serial RS-232 Cable	•		•	•	•	•		

Accessories for DTX CableAnalyzer Series		
DTX-HCSE	Hard Carrying Case - DTX Series	**$700.00**
DTX-TSET	Headset for DSP and DTX Cable Analyzers	**$31.00**
DTX-ACUN	AC Charger, Universal	**$57.00**
DTX-ACNA	AC Charger, North America	**$34.00**
DTX-CASE	Standard Carrying Case-DTX Series	**$230.00**
DTX-STRP	DTX Carrying Strap	**$20.00**
DTX-USB	USB Interface Cable (Mini-B)	**$31.00**
DTX-SER	Serial RS-232 Cable (DB-9 to IEEE 1394)	**$40.00**
DTX-LION	Lithium Ion Battery Pack	**$300.00**
Fiber Modules and Accessories (Continued)		
NFK3-LAUNCH-ST	SC/ST LAUNCH FIBER SM	**$250.00**
NFK2-LAUNCH-E2K	SC/E2000 LAUNCH FIBER 50µm	**$250.00**
NFK2-LAUNCH-FC	SC/FC LAUNCH FIBER 50µm	**$250.00**
NFK2-LAUNCH-LC	SC/LC LAUNCH FIBER 50µm	**$250.00**
NFK2-LAUNCH-ST	SC/ST LAUNCH FIBER 50µm	**$250.00**
NFK2-LAUNCH-SC	SC/SC LAUNCH FIBER 50µm	**$250.00**
NFK1-LAUNCH-FC	SC/FC LAUNCH FIBER 62.5µm	**$250.00**
NFK1-LAUNCH-LC	SC/LC LAUNCH FIBER 62.5µm	**$250.00**
NFK1-LAUNCH-ST	SC/ST LAUNCH FIBER 62.5µm	**$250.00**
NFK1-LAUNCH	SC/SC LAUNCH FIBER 62.5µm	**$250.00**
DTX-MFM2	MM Fiber Modules - Includes (2) modules	**$5035.00**
DTX-GFM2	DTX Gigabit Multimode Fiber Modules	**$5755.00**
DTX-SFM2	SM Fiber Modules - Includes two modules	**$7020.00**
NFA-SC	(2) SC Adapters for DTX-xFM2 power meter	**$210.00**
NFA-LC	(2) LC Adapters for DTX-xFM2 power meter	**$210.00**
NFA-ST	(2) ST Adapters for DTX-xFM2 power meter	**$120.00**
NFA-FC	FC Test Adapters, Set of two	**$210.00**
NFK1-DPLX-SC	Duplex MM 62.5 µm TRC for SC Adapter, (2)	**$210.00**
NFK1-DPLX-LC	Duplex MM 62.5 µm TRC for LC Adapter, (2)	**$210.00**
NFK1-DPLX-ST	Duplex MM 62.5 µm TRC for ST Adapter, (2)	**$210.00**

Copper Adapter and Accessories		
DTX-10GKIT	Alien Crosstalk Analyzer Kit for DTX-1800: (2) modules, Windows AxTalk Analyzer™ Software, 2 Cat 6A/Class EA Permanent Link Adapters, two Channel Adapters for Alien Crosstalk.	**$3000.00**
DTX-AXKIT	Alien Crosstalk Analyzer Kit for DTX-1800: (2) modules, Windows AxTalk Software, (2) Terminators (Common & Differential) & 2 8-pin Couplers.	**$1800.00**
DTX-NSM	The DTX Network Module	**$1200.00**
DTX-COAX	DTX Coax Cable Test Adapter (2 adapters included)	**$700.00**
DSP-PCI-C6JACK	Replacement Cat 6 Jacks for the DSP-PCI-C6 Patch Cord Adapter, set of 10	**$1200.00**
DTX-PLA002S	Set of 2 Permanent Link Adapters for Cat6A and Alien Crosstalk testing.	**$1000.00**
DTX-PLA002	One Permanent Link Adapter for Cat 6A and Alien Cross Talk testing.	**$600.00**
DTX-PLCAL	Permanent Link Adapter Field Calibration module.	**$250.00**
DTX-PLA002PRP	DTX-PLA002 plug replacement parts.	**$70.00**
DTX-PLA001S	Set of 2 Permanent Link Adapters with PM06 Personality Modules.	**$1000.00**
DTX-PLA001	Permanent Link Adapter	**$600.00**
DTX-TERA	TERA Adapter Kit - Channel Adapters (2) & Permanent Link Adapters (2)	**$1300.00**
DTX-PLA011	TERA Permanent Link Adapter for TERA Class F and Fa Systems.	**$500.00**
DTX-CHA011	TERA Channel Adapter for TERA Class F Systems	**$250.00**
DTX-CHA002S	(2) Cat 6/Class E Channel Adapters for Alien Crosstalk measurements.	**$300.00**
DTX-CHA002	Cat 6/Class E Channel Adapter optimized for Alien Crosstalk measurements.	**$150.00**

More Accessories for the DTX CableAnalyzer Series are Available at www.datacomtools.com

LinkRunner Network Multimeter

As networks run faster and become more complex, infrastructure cabling and devices must operate to precise levels in a tighter performance window. As a result, nearly 80% of network problems stem from simple wiring and connection problems. Front-line technicians are the first line of defense against problems in the physical and link layers of the network. LinkRunner improves your troubleshooting and escalation accuracy by helping you to quickly identify if a problem is the network or the PC NIC.

Easy to use and affordable

LinkRunner is so easy to use, even the most inexperienced technician can be up to speed and using it in a matter of minutes. The ease of use and affordable pricing of this personal, pocket-sized tool (weight: 4.5 oz/128 g), makes LinkRunner a must-have for every front-line network technician - dramatically increasing your productivity while escalating accuracy by determining if the problem is on the network or the PC NIC.

Specifications	
Identifies	- 10BASE-T 100BASE-TX
	- 100 Base-T (full or half-duplex)
	- Gigabit Ethernet
	- Token Ring
	- Telco
	- Cable ID
	- Unpowered PC or hub
	- Auto-MDIX ports Auto Negotiation or strapped port
Media Access	10BASE-T and 100BASE-TX
Cable Tests	Length, open, short, splits, wiremap, crossed, straight through
Ports	RJ-45 LAN, RJ-45 Wiremap
Interface	Push-button navigation of icon/menu driven view
Power	- 2 AA standard batteries
	- Optional NiMH batteries and battery charger available
	- Approximately 20 hours continuous use with 4 hours of pinging.
Dimensions	2.75"w x 3.75"h x 1.25"d 6.98cm x 9.52cm x 3.17cm
Weight	4.5 oz/128 grams with batteries installed
Warranty	One year

Linkrunner Kit Includes:

- Cable ID Kit (#1-8)
- Wiremap Adapter
- RJ-45 coupler
- IntelliTone 100 Probe
- Clip Set
- NiMH battery pack
- NiMH battery charger
- Custom Carrying Case
- PC Inspector Software and Key Device Watch software

Linkrunner	Fluke Linkrunner	**$545.00**
Linkrunner-Kit	Fluke LinkRunner Extended Test Kit	**$995.00**

Real World Certifier

Performance, Certify, and Troubleshoot LAN Hardware and Cabling (10MB, 100MB, Gigabit)

The RWC100 takes you far beyond typical LAN and Cable testing. Now you can perform all of your standard cable tests plus "Type" your cable (CAT 3, 5, 5E, 6) and perform real speed tests on cables, switches, hubs, and PCs. With results displayed on easy-to-read graphs! Plus, store the test for later printing.

- Speed Tests (10MB, 1000MB, Gigabit):
- Real world Cert Level 1 (Projected)
- Real World Cert Level 2 (Confirmed)
- Cable typing (CAT 3, 5, 5E, 6)
- Displays Port speed, duplex, data level of all pairs
- Inline Port Mode (negotiated results)
- Port beacon (locate port)
- Cable Length (real 1 nanosecond TDR)
- Opens, shorts, split pairs, splits distance
- Next, Next, (far), Skew, Propagation delay
- Attenuation, Hot Splits
- Multi-pair Toner/Probe
- Stores 250 tests for later printing

Benefits:

- Certify & troubleshoot all LAN hardware & cabling.
- Compatible with all 10MB, 100MB, & Gigabit Networks!
- Test existing cables for higher speed compatibility
- Spot faulty wiring closet jumpers from your wall outlet
- Detect worn connectors and faulty terminations.
- Identify excessively noisy cables
- Decode 10/100/GIG PCs, switches & hubs
- Go between 2 LAN devices & identify the speed
- Test 10/100/Gigabit PCs, switches & hubs for signal
- Perform your own inspection on new devices and cables
- Identify network bottlenecks caused by slow links
- Print "Receipt" to document test results

Product Includes:

- RWC1000 Main Unit
- RWC1000 Remote Unit
- Cat5e Patch Cables (2)
- Protective Case (Zippered)
- Documentation Tablet
- "Passed" Stickers (64)
- 9V Battery (2)
- Instructional DVD
- Illustrated Users Manual
- Warranty: 1 year parts and labor
- Made in the U.S.A

RWC1000K	Real World Certifier	**$430.00**

VDV PRO

The VDV PRO Cable Tester is a cable testing and verification device that can test all wiring requirements throughout today's residential and commercial environments.

- Network link LED blink for visual cable tracing
- Voice testing capability detects RJ-11 (1, 2, or 3 pair)
- Voice test also shows Normal or Reverse for pins 1 through 6
- Length measurement is shown during initial test results for convenience and time savings
- Eight remotes have RJ-45, RJ-11 and Coax F-jacks for increased testing capabilities
- Tests for shield continuity, shorts, opens, miswires, reversals and split pairs with remote connected
- Full dot-matrix LCD display for user convenience to read display results
- One-ended testing for shorts, opens and split pairs (no remote needed)
- Test results displayed in wire map format with message line for shorts and split pairs
- Will display wire map for 10Base-T and Token Ring with remote connected
- UTP, STP, and Coax length measurement in feet or meters using cable capacitance method
- Coax mapping with up to eight color coded coax remotes.
- Tone generator mode sends four different tones on all conductors, selected pair or selected pin
- Auto-off in any mode and low power consumption for long battery life
- Identifies presence of voltage on cables

33-770	VDV PRO w/one remote and terminator	**$289.00**
33-771	VDV PRO w/eight remotes and terminators	**$355.00**
33-774	VDV PRO Eight Remote Kit (ID 1-8)	**$135.75**
33-780	VDV Pro w/one remote and probe	**$280.00**
33-775	Eight Coax Terminator Kit	**$40.15**

VDV MultiMedia Cable Tester

The VDV Multimedia Cable Tester is an easy-to-use cable testing and verification device that can quickly test all wiring requirements found throughout today's residential and commercial environments.

The VDV Multimedia Tester makes it a snap to quickly verify wiring integrity and assure proper terminations for diverse types of networks.

Voice – tests 3-pair USOC and 6-position RJ11/12 jacks for voice cable testing
Data – tests both shielded and unshielded cable testing to T568A/B (RJ45)
Video – tests coax cable for opens and shorts with F-Connector interface

- Comprehensive testing for Voice, Data and Video applications.
- Designed for testing in residential and commercial environments.
- Supports RJ11/12, RJ45, and coax F-Connector cabling and interfaces.
- Easy-to-read LCD display with PASS/Miswire indicators, wiremap display and troubleshooting modes.
- Multi-tone support for cable tracing and fault isolation.
- Convenient internal storage for remote.
- Capacity to support additional remotes

33-856	VDV Multimedia Cable Tester Kit	**$105.95**

NETcat Pro Structured Wiring Troubleshooter

The NETcat® Pro2 is a digital tool for fast, accurate checking of cables, wiring and network service. Operated using a back-lit touch screen display, the NETcat® Pro2 tests wiring continuity and proper pair allocation, measures the length of cables, determines if network service is available and identifies Power over Ethernet (PoE) cables. When used with the NC-510 Accessory Kit, containing seven (7) expansion remote test modules, the NETcat® Pro2 can uniquely test coax or twisted pair jacks from a central location eight (8) at a time. Using a fingertip or the built-in stylus, the screen can be used to control and display a range of tests from fault finding to TDR length measurement. The display can be set to English, Spanish, French or German language.

- Identifies active network devices on 10/100/1000 Base-T Ethernet (802.3) networks.
- Identifies PoE (source device detection).
- Memo Pad/reminder feature - stored in non-volatile memory.
- Field replaceable "F" type connector.
- NVP cable library allows for 5 commonly used fixed and 5 user selectable cable types - stored in non-volatile memory.
- Graphical touch screen display with contrast adjustment and backlight.
- Tests shielded twisted pair (STP), unshielded twisted pair (UTP) and coaxial cables.
- 0-2,000 foot (600 Meter) cable length via TDR.
- Office identification using remote ID units.
- Troubleshoots and verifies a wide range of networks.

NC-500	NETcat pro digital VDV wiring troubleshooter	**$290.00**
NC-510	NETcat pro accessory kit w. carry case and 7 digital remote units	**$98.00**

Tone and Probe Kits

601K-G

701K-G

701K-G/6A

Greenlee is proud to introduce fully upgraded versions of its industry standard tone and probe tracing kits. These kits offer superior tracing for low voltage applications such as telephone, data, and security alarm wiring. Essential for the internal wiring technician, the tone and probe kits provide the ability to check voltage on wire pairs as well as generate a tagging tone, which is then picked up by the tracing probe.

Featuring overall improved internal circuitry in both the amplifier and the tone generator, all of the new tone and probe kits promise to provide an enhanced customer experience for tracing and identifying single conductors or cables within bundles, either at midpoint or at remote ends.

The 601K-G Basic Tracing Kit features volume control and external warble-select. The 701K-G Professional Tone & Probe Tracing Kit takes the functionality a step further, featuring an LED headlight, headset jack, Short circuit beeper and external warble-select. Finally, the 701K-G/6A Professional Tone and Probe Tracing Kit has all the features of the 701K-G but incorporates upgraded Telco-Grade angled-bed-of-nails clips for those larger jobs. Best of all, each tone and probe kit in this new series is backed by a one year warranty.

601K-G features: Tone Probe: 200B-G with adjustable volume control, and replaceable tip. Tone Generator: 77M-G with continuity & polarity LED, external warble select, short circuit LED/beeper: LED, Single/dual line modular: LED, and alligator/ABN connector clips: Alligator

701K-G features: Tone Probe: 200EP-G with adjustable volume control, replaceable tip, LED signal indicator, test telephone port, headset jack, and LED flashlight. Tone Generator: 77HP-G with continuity & polarity LED, external warble select, RJ11 & RJ45 socket, lanyard, short circuit LED/beeper LED, single/dual line modular LED: Dual, and alligator/ABN connector clips: Alligator

701K-G/6A features: Tone Probe 200EP-G with adjustable volume control, replaceable tip, LED signal indicator, test telephone port, headset jack, and LED flashlight. Tone Generator: 77HP-G/6A with continuity & Polarity LED, external warble select, RJ11 & RJ45 socket, lanyard, short circuit LED/beeper LED, single/dual line modular LED: Dual, and alligator/ABN connector clips: ABN

601K-G	Basic Tone and Probe Kit	**$88.10**
701K-G	Professional Tone and Probe Tracing Kit	**$109.85**
701K-G/6A	Tone & Probe Tracing Kit w/ABN Test Clips	**$109.85**

Pro 3000 Tone and Probe Kit

The Pro3000 Tone & Probe Kit is the innovative analog tone and probe from Fluke Networks. It's your best choice for toning and tracing bare wire on non-active networks. Easily identify individual pairs with its patented SmartTone™ technology (the five different tones for exact pair identification). Angled-bed-of-nails clips allow easy access to individual wires, and the RJ11 connector is ideal for use on telephone jacks. The large powerful speaker on the probe allows you to hear through drywall, wood or other enclosures to find wires quickly and easily. You can send tone up to ten miles on most cables. Attach the nylon pouch to your belt, and you will be equipped for any wire identification job.

26000900	Pro 3000 Tone and Probe Kit	**$85.00**

IntelliTone™ Pro Toner & Probe

The IntelliTone™ Toner and Probe Series from Fluke Networks gives you a digital signal locating technology that's as advanced as the systems you work with. Intellitone's breakthrough solution and the only solution that locates and isolates hidden or bundled voice, data and video cables quickly and reliably, even on active networks. With dramatic gains in speed, precision and productivity that make analog tools obsolete.

Intellitone MT-8200 Include:	**60A**	**61A**	**63A**	**50A**	**51A**	**53A**
IntelliTone 200 Toner & Probe	•					
IntelliTone 100 Tone & Probe				•		
IntelliTone 200 Toner		•				
IntelliTone 100 Toner					•	
IntelliTone 200 Probe			•			
IntelliTone 100 Probe						•
Coax F Connector Adapter	•	•		•	•	
RJ11 patch cables	**(2)**	•	•	•	•	
RJ45 patch cables	**(2)**	•	•	•	•	
Test leads with alligator clips	•	•		•	•	
Lanyards	•	•	•	•	•	•
Owners Cd and quick start guide	•	•	•	•	•	•
9V battery	**(2)**	**(2)**	•	**(2)**	•	•
	$210.00	**$132.00**	**$132.00**	**$159.00**	**$100.00**	**$100.00**

Tracker II

- Traces the path and determines the depth of wires and metallic pipes on active or dead systems without having to deactivate the system.
- Transmitter output and receiver sensitivity are fully adjustable for maximum accuracy.
- Transmitter offers three methods of connection: direct, inductive coupler, and inductive antenna.
- Includes transmitter assembly, receiver assembly, inductive coupler (clamp), built-in inductive antenna, two 8 ft. (2.4 m) test leads with heavy-duty alligator clips and durable polyethylene case.
- High frequency transmitter provides range up to 4,000 ft. (1,219 m) and depths up to 7 ft. (2 m).
- Receiver is 32 in. long (813 mm).
- Battery operated (eight AA and one 9V battery are included).
- 1 year limited warranty.

501	Tracker II	**$690.00**

Wire Finder/Mini Locator

For technicians who occasionally need to locate buried or in-wall wiring but don't require all the bells and whistles of a high priced cable locator. Compact design doesn't take up valuable truck space while easy to understand operations help avoid constantly referring to manuals. The 508S Wire Finder provides reliable results on buried cables to depths of 3 feet and lengths up to 1000 feet. The unit can even be used to determine the approximate depth of a wire or cable before you dig. Fully adjustable transmitter output and receiver gain improve system performance and locating accuracy.

- Determines the approximate depth of a wire before digging begins
- Transmitter and receiver are fully-adjustable for accurate locating
- Reliable results on buried cables to depths of 3' and lengths up to 1000'
- Quick-change test leads for use in any industry, even international power outlets
- Voltage protection allows use on live AC circuits
- Automatic shutoff prevents accidental battery discharge

508S	Wire Finder/Mini Locator	**$280.00**

Pulser Fault Locator

Pulser Fault Locator completes your buried cable trouble-shooting tool set, pinpointing the smallest breaks in buried cable insulation. The transmitter pulses a high-voltage signal that radiates into the earth at fault locations. With the A-frame mounted receiver, a visual analog meter points the way to the source of the voltage & identifies faults on a single wire, showing the need to replace instead of repair.

- Portable Transmitter "Pulses" a High Voltage Signal into the Earth at the Location of the Faults.
- With the A-frame Mounted Receiver, a Visual Analog Meter Points the Way to the Source of the Voltage.
- Multiple Faults on a Single Wire can be Identified Indicating the Need to Replace Instead of Repairing.
- Extra Long Test Leads Feature Heavy-Duty Alligator Clips for Use on Multiple Cable Types.
- Includes a Rechargeable Transmitter, Receiver, A-Frame, Ground Stake, 120V AC Charger, 12 Volt DC (Cigarette Lighter) Adapter, and Complete Operating Instructions.
- Battery-Operated (1) 12V and (1) 9V Included.
- 1-Year Warranty

PE2003	Pulser Fault Locator	**$1100.00**

Modular Adapters

The Banjo Modular Adapters are designed to permit testing on working lines, and allow circuit access without disrupting service.

- Sturdy copper contacts are angled to prevent alligator clips from falling off during testing.
- Small holes in each contact allow insertion of test probes.
- All circuits are clearly marked on sides and bottom of the Banjo adapters.
- Banjo Modular Adapters available with 4, 6,and 8 wire (RJ11, RJ45)
- Banjo Modular Adapters available with numbered contacts and no interruption of service design
- High impact plastic design; outside plant resistant Banjo Modular Adapter allows for replace-able line cords
- The Banjo adapter is available in four, six, or eight wire configuration for voice and data applications.
- Heavy duty, molded-in clip for attaching to shirt pocket or tool pouch.

10210100	4-Wire Banjo Adapter (in-line)	**$24.00**
10220100	6 Wire Banjo Adapter (in-line)	**$26.00**
10230100	8 Wire Banjo Adapter (in-line)	**$30.00**
10210101	4 Wire Banjo Adapter w/K-plug (in-line)	**$28.00**
10220101	6 Wire Banjo Adapter w/K-plug (in-line)	**$30.00**
10230101	8 Wire Banjo Adapter w/K-plug (in-line)	**$35.00**

Butt Sets

FLUKE networks

TS52	TS44-PRO	TS42	TS30	TS25	TS22	TS19
TS®52 PRO Caller ID test set features the latest in test set technology.	TS®40 Series combine ruggedness, and waterproof durability with powerful testing capabilities. TS44-PRO includes Data lockout protection & Data lockout override.		The TS®30 – a rugged butt-in telephone test set at an affordable price.	TS®25D Test Sets - features data lockout, lockout override and a large LCD.	TS®22 Series Test Sets - combining reliability, durability and expanded utility.	The TS®19 features DataSafe, Tone/Pulse operation & Talk capabilities.

52801009	TS52PRO Test Set with angled bed-of-nails cord piercing pin	**$414.00**
52801004	TS52PRO Test Set with 346A Plug	**$414.00**
52801001	TS52PRO Test Set with Piercing Pin Clips	**$414.00**
52801RJ9	TS52PRO Test Set w/angled bed-of-nails cord w/piercing pin & RJ11 plug	**$432.00**
50801001	TS44 PRO Test Set with piercing pin only	**$394.00**
50801009	TS44 PRO Test Set with angled bed-of-nails & piercing pin	**$394.00**
50801RJ9	TS44 PRO Test Set with angled bed-of-nails & RJ11 plug	**$410.00**
42801009	TS42DLX Test Set with angled bed-of-nails	**$318.00**
42801001	TS42DLX Test Set with piercing pin clips	**$318.00**

30800009	TS30 Test Set with angled bed-of-nails clips	**$234.00**
25501109	TS25D Test Set with angled bed-of-nails kit	**$244.00**
22801009	TS22A Test Set with angled bed-of-nails clips	**$332.00**
22801001	TS22A Test Set with piercing pin clips	**$332.00**
22800009	TS22 Test Set with angled bed-of-nails clips	**$286.00**
19800009	TS19 Test Set with angled bed-of-nails clips	**$114.00**
19800003	TS19 Test Set with banana jacks clips	**$114.00**

Butt Sets

GREENLEE

PE930

Waterproof tested to an IEC IP67 rating, these test sets are so impervious to water they can actually withstand submersion.

PE945

Waterproof tested to an IEC IP67 rating, these test sets are so impervious to water they can actually withstand submersion. With hands-free speakerphone

PE961

The new PE961 Test Set features our DigAlert over-voltage alarm and lock-out function to eliminate the danger of damaging or knocking out digital service lines. It also provides full ADSL compatibility.

TM-500

The TM-500 not only works in handset mode, but can be used with the headset for easy hands-free operation. It is safe to operate with over-voltage & current detection.

TM-700

The TM-700 features over-voltage & over-current detection for safer operation, intercom mode, a built in toner for pair tracing, DTMF detection, & measurement for productivity. Use the loudspeaker or with a headset for hands free operation.

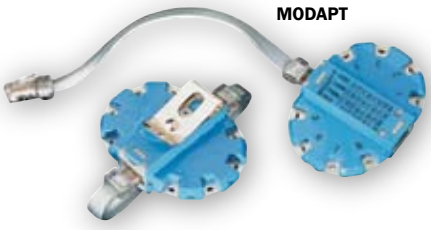
PE961	Rugged ADSL Compatible Butt Set with 2-way Speakerphone	**$320.00**
PE945	Greenlee Test Set	**$290.00**
PE930	Greenlee Test Set	**$227.15**

TM-500	Test Set w/ABN bed-of-nails Croc Clips (POP)	**$115.00**
TM-500T	Test Set w/ABN bed-of-nails Croc Clips (BOXED)	**$115.00**
TM-500i	Telephone Test Set w/ Small Croc Clips (BOXED)	**$115.00**
TM-700	Test Set w/ABN bed-of-nails Croc Clips & RJ11 (POS)	**$210.00**

Modular Adapter

SIEMON

MODAPT



This modular adapter allows in-line testing for any plug/jack combination. It includes two 4-pair jacks plus a 152mm (6 in.) modular cord terminated with our patented 4-pair "universal" plug for accessing any standard 6- or 8-position jack. Individual conductors are broken out by pin number and correspond to eight separate test pads. Test equipment can be securely attached to the test pads using alligator clips.

For quick reference in the field, USOC, T568A, and T568B wiring charts are printed right onto the MODAPT body. When used with Siemon's TESTAR® adapter and S110® test adapter, the MODAPT can be used to test connections on S66M and S110 blocks.

MODAPT	Siemon modular adapter	**$20.85**

Tone & Probe Kits

Tempo

When it comes to wire identification kits, the 801K premium tone and probe kit is top of the line!

- Designed for more accurate wire identification, the 801K virtually eliminates power-related noise from the tone and probe operation
- Kit includes the 77HP/6A High Power Tone Generator and 200 FP Filter Probe in a convenient Cordura case (700C)

801K	Premium Tone and Probe Kit	**$169.00**

801K Kit Tone Generators and Probes Also Sold Separately

77HP/6A	Tone Generator	**$55.00**
200FP	Multi-Filter Tone Probe	**$115.00**

Fluke Networks Punchdown Tools

Fluke Networks increases the versatility and flexibility of its line of impact tools by offering a wide variety of interchangeable blades that permit each tool to perform multiple functions. Fluke Networks has the blades you need to terminate blocks and jacks quickly.

Fluke Network Replacement Punchdown Blades

10176000	110 replacement blade	**$19.00**
10056000	66 replacement blade	**$19.00**
10176500	110 Eversharp replacement blade*	**$25.00**
10056500	66 Eversharp replacement blade*	**$25.00**
10178600	110/66 Eversharp dually replacement blade*	**$32.00**
10665000	Bix replacement blade	**$49.00**
10565000	Krone replacement blade	**$50.00**
10565110	Krone dually replacement blade	**$66.00**
10465001	3M system "D" bit replacement blade	**$70.00**
10057000	630 replacement blade	**$22.00**
10436001	Center Punchdown replacement blade	**$18.00**
10051200	Screwdriver replacement blade (D914)	**$25.00**
10645001	Wood screw started punch replacement blade	**$18.00**
10051300	66 torque adapter replacement blade (D914)	**$31.00**

**Eversharp blades last three times longer than standard punchdown tool blades.*

D914S Automatic Impact Tool

SoftTouch D914™S Impact Tool includes a built in probe pic/spudger allowing you to choose from high & low impact settings.

10061503	D914S with 66/100 dually & Bix blade	**$99.00**
10061501	D914S with 66/100 & free blade	**$84.00**
10061120	D914S with both 66 & 110 blades	**$84.00**
10061100	D914S with 66 blade	**$74.00**
10061110	D914S with 110 blade	**$74.00**

D914S

D914 Automatic Impact Tool

The D914™ automatic impact tool is the only punch down tool to combine torque & impact. Combines two tools, the hook & spudger, into the handle.

10051501	D914 with 66/110 & free blade	**$73.00**
10051120	D914 with 66 & 110 blades	**$73.00**
10051100	D914 with 66 blade	**$61.00**
10051110	D914 with 110 blade	**$61.00**

D914

D814 Punchdown Tool

Deluxe, all-in-one, telecom punch-down tool. Impact wheel has high & low settings. Automatic spring impacts to seat and/or terminate wires.

10055503	D814 with 66/110 dually & Bix blade	**$84.00**
10055501	D814 with 66/110 & free blade	**$65.00**
10055200	D814 with both 66 & 110 blades	**$65.00**
10055000	D814 with 66 blade	**$55.00**
10055110	D814 with 110 blade	**$55.00**

D814

Paladin Tools Punchdown Tools

Blades for Impact PDT			Blades for SurePunch & SurePunch Pro PDT			
110	630	Bix™	110/66	110	66	Bix™
PA4528	PA4529	PA4530	PA4571	PA4572	PA4573	PA4574

Paladin Tools Replacement Punchdown Blades

PA4571	SurePunch 110/66 Combination Cut-Only Blade	**$14.30**
PA4572	SurePunch 110 Reversible Blade	**$14.30**
PA4573	SurePunch 66 Reversible Blade	**$14.30**
PA4574	SurePunch BIX Cut-Only Blade	**$23.50**
PA4528	Standard Punchdown Replacement 110 Blade	**$18.45**
PA4529	Standard Punchdown Replacement 630 Blade	**$15.50**
PA4530	Standard Punchdown BIX Type Blade	**$29.99**

SurePunch Pro Punchdown Tool

SurePunch Pro is the first and only punchdown tool to have a detachable light making it easy to work in dark places.

PA3590	SurePunch Pro PDT Handle (no blade) & Light	**$63.99**
PA3588	SurePunch Pro PDT w/110/66 cut blade & light	**$55.55**
PA3596	SurePunch Pro PDT w/110 reversible cut & punch blade	**$63.99**
PA3597	SurePunch Pro PDT w/66 reversible cut & punch blade	**$63.99**
PA3598	SurePunch Pro PDT w/BIX™ Cut-only blade & light	**$74.00**
PA3599	SurePunch Pro PDT w/Krone LSA cut-only blade & light	**$85.75**

SurePunch Pro

SurePunch Punchdown Tool

Lanyard holes in the end make the SurePunch PDT easy to carry and hard to misplace. Uses twist-and-lock-style blades.

PA3570	SurePunch PDT Handle only	**$45.45**
PA3571	SurePunch PDT w/110/66 combination cut-only blade	**$54.15**
PA3572	SurePunch PDT w/110 reversible cut & punch blade	**$54.15**
PA3573	SurePunch PDT w/66 reversible cut & punch blade	**$54.15**
PA3574	SurePunch PDT w/BIX cut-only blade	**$59.59**
PA3575	SurePunch PDT w/Krone LSA blade	**$58.95**
PA3579	SurePunch PDT w/110 & 66 reversible cut/punch blade	**$63.99**

SurePunch

Impact Punchdown Tool

Impact punchdown tool for terminating AWG 28-24 telephone cables into 66, 88, 108, 109, 110, 630A6, Bix™ & Krone®-type bifurcated terminals.

PA3526	Impact Punchdown Tool - handle only	**$38.45**
PA3527	Impact Punchdown Tool w/66 blade	**$52.40**
PA3528	Impact Punchdown Tool w/110 blade	**$52.40**
PA3535	Impact Punchdown Tool w/630 blade	**$55.90**
PA3536	Impact Punchdown Tool w/BIX-type blade	**$69.90**
PA3532	Impact Punchdown Tool w/Krone-type blade	**$55.90**

Impact

Platinum Tools Punchdown Tools

66	110	630	66/110	110 EZ-Data	Bix	Krone	PDT Extension
13001	13002	13003	13004	13021	13023	13024	13022

Platinum Tools Replacement Punchdown Blades

13001	66 Style Blade	**$13.95**
13002	110 Style Blade	**$13.95**
13003	630 Style Blade	**$13.95**
13021	66/110 Combo Blade	**$13.95**
13004	110 Style EZ-Data Cut Blade	**$18.95**
13022	Punchdown Tool Extension	**$17.95**
13023	BIX™ Style Blade	**$28.50**
13024	Krone™ Style Blade	**$28.50**

PRO Series Punchdown Impact

Tool terminates & trims wires in 66, 110 krone & BIX cross connect blocks. Used to terminate and trim wires in 110 & 630 style wall jack modules.

13100	PRO Punchdown Impact Tool Handle Only	**$35.00**
13105	PRO Punchdown Impact Tool w/66 blade	**$48.00**
13106	PRO Punchdown Impact Tool w/110 blade	**$48.00**
13107	PRO Punchdown Impact Tool w/ 66 & 110 Blades	**$60.00**
13108	PRO Punchdown Impact Tool w/110 EZ-Data Cut Blade	**$55.00**
13109	PRO Punchdown Impact Tool w/66/110 Combo Blade	**$48.00**

Pro Impact

EZ-Tune Punchdown Tool

Tool terminates/trims wires in 110 & 630 wall jack modules.

13200	EZ-Tune Punchdown Tool, Handle Only	**$39.95**
13208	EZ-Tune Punchdown Tool with 110 EZ-Data Cut Blade	**$58.95**

EZ-Tune

Punchdown Impact Tool

Tool can terminate and trim wires in 110 & 630 style wall jack modules. Compatible with tools & blades by Harris, Ideal, & others

13000	Punchdown Impact Tool Handle Only	**$33.50**
13005	Punchdown Impact Tool w/66 blade	**$45.00**
13006	Punchdown Impact Tool w/110 blade	**$45.00**
13007	Punchdown Impact Tool w/66 & 110 Blades	**$56.95**

Impact

Pro-Tool Kits

IS40

IS50

IS60

All the professional tools you need to cut, strip, clean and connect network phone and data lines to blocks and jacks. Bundled together in our sleek form-fitting PVC Dur-A-GripTM Tool Pouch holds your tools securely inside, even upside down. Six tool kits combinations to choose from to meet a multitude of applications.

- All kits include ergonomically designed Dur-a-Grip pouch for convenient tool storage on belt
- D914™ and D814™ industry standard punchdown tools make for solid terminations
- Easy to use cable stripper quickly rings and slits many types of cable
- Cut and strip wire cleaner and faster with the Electricians' D-Snips
- Six tool kits combinations available for a multitude of applications

IS60 Pro-Tool Kit: D914S Impact Tool, Electrician's D-Snips, Cable Stripper, Mini Maglite, & Dur-a-Grip Pouch

IS50 Pro-Tool Kit: D914S Impact Tool, Electrician's D-Snips, Cable Stripper, EverSharp 66/110 Cut Blade, and Dur-A-Grip Pouch

IS40 Pro-Tool Kit: D814 Impact Tool, Electrician's D-Snips, Cable Stripper, EverSharp 66/110 Cut Blade, Probe Pic, and Dur-A-Grip Pouch

11293000	IS60 Pro-Tool Kit	**$179.00**
11292000	IS50 Pro-Tool Kit	**$153.00**
11291000	IS40 Pro-Tool Kit	**$145.00**

Krone Punchdown Tool

The Versatile Krone Tool the only one you need. The Krone Tool terminates and trims wires with one punch. It's the only tool you'll need to add, Change or remove Krone connections.

6417-2055-01	Krone Punchdown Tool	**$90.00**

ProPunch 110 Multi-pair Punchdown Tool

- Smooth operation
- Comfortable, rugged handle absorbs punch recoil
- Cut and punch blade cassette or switch blades for punch only
- Terminates 28-22 AWG (.08-.34 mm^2) solid or stranded wires with single insulation
- Delivers more than 1.5 times the force of other multi-punchdown tools on the market using less hand force
- Terminates in a single punch - including 23 AWG Cat6 cable
- Performs in excess of 30,000 cycle punches

PA3560	ProPunch 110 5 Pair Punchdown Tool	**$99.99**
PA3561	ProPunch 110 4 Pair Punchdown Tool	**$99.99**

D-Impactor 5-Pair Impact Tool

The D-Impactor™ 5-pair impact tool allows technicians to simultaneously cut and terminate five copper pairs on a 110 block. This rugged, easy-to-use tool saves time and reduces hand stress by cutting down on the total number of manual terminations, and combining the cut and no-cut blades into a single unit allows users to reverse cutting blades at record speeds. Fewer moving parts and the patented blades guarantee optimal performance for the life of the tool.

10059000	D-Impactor 5-Pair Impact Tool	**$187.00**

C5 Tool

The 5-pair termination tool is a versatile impact tool designed to terminate and cut UTP cable, and seat connecting blocks. The impact mechanism and termination blades have been designed to reliably terminate and cut UTP cable the first time, every time. Features an easy to hold, ergonomically designed handle that helps reduce fatigue when trimming wire or seating connection blocks to the wiring base.

S788J5	C5 Tool	**$265.00**

MicroScanner2 Cable Verifier

The MicroScanner2 Cable Verifier presents a revolutionary change in voice, data, and video cable testing. It starts by taking results from what was four different test modes and displaying them all at once – graphical wiremap, pair lengths, distance to fault, cable ID, and far end device. What's more, its integrated RJ11, RJ45, and coax test ports support virtually any type of low-voltage cable testing with no need for awkward adapters. The end result is reduced test time and technician error.

Today's communications technicians have a lot more problems to deal with than just the cabling. They have to rule out a whole host of potential cable and service issues before determining the cause of a connection problem. MicroScanner2 acknowledges this, giving technicians high power vision to verify today's most common voice, data, and video services. That means faster, more comprehensive troubleshooting

MS2-100

MS2-100 Includes:

- MicroScanner2 Cable Verifier
- Main wiremap adapter
- Multi-language Getting Started Guide
- User CD
- Batteries
- Fluke Networks carry pouch

MS2-100	Microscanner2 Cable Verifier	**$475.00**

MS2-KIT

- MicroScanner2 Cable Verifier
- Main wiremap adapter
- Remote identifiers #2-7
- IntelliTone Pro 200 probe
- Shielded twisted-pair RJ45 patch cord
- RJ11 patch cord
- Clip-set RJ45 to 8 alligator clip bare wire adapter
- F Coax push on patch cord
- Accessory soft pouch
- (2) AA alkaline batteries
- (1) 9V alkaline battery
- MicroScanner2 Getting Started Guide
- MicroScanner2 Owners CD
- IntelliTone Pro Getting Started Guide
- IntelliTone Pro owners CD
- Packaged in a deluxe Fluke Networks carry case

MS2-KIT	Microscanner2 Cable Verifier Kit	**$840.00**

MS2-TTK

- MicroScanner2 Cable Verifier
- IS60 Pro-Tool Kit
- IntelliTone™ 200 Tone Probe
- RJ11 and RJ 45 patch cables
- Lanyard
- Owners CD and quick start guide
- 9 volt battery
- Packaged in a deluxe Fluke Networks carry case.

MS2-TTK	MicroScanner2 Termination Kit	**$843.00**

Grip Packs

Part #	Description	PA4941	PA4942	PA4943	PA4946
1116	Data SureStrip	•	•	•	•
1925.1	Datacom & Telecom Scissors	•	•	•	
3589	SurePunch® Pro PDT Handle only	•	•		
4940	GripPack Quick Release Tool Holster	•	•	•	
4571	110/66 Blade - SurePunch & Pro PDTs	•	•	•	•
4599	LED Light	•	•	•	
3570	SurePunch Handle			•	•
	PT-540				
	Hex bit adapter				
	Datacomm Snips				•
	Mini Maglite with 2 AA Batteries	•			
	Black Sharpie® Pen	•		•	
		$121.45	**$110.10**	**$113.35**	**$95.95**

PA4943

PA4946

Jonard Holster Kits

TK-50 includes:

- Can wrench
- Cable splicing Knife
- Electrician's scissors
- Probe pick
- Belt Pouch

TK-22148 includes:

- Electrician's Scissors
- Combo crimper long nose plier
- Belt Pouch

TK-375 includes:

- Fiber optic stripper
- Electrician's scissors
- Belt Pouch

TK-50	Five piece telecom installers kit	**$38.00**
TK-22148	Telephone splicing kit	**$32.25**
TK-375	Fiber optic kit	**$38.00**

TK-50

TK-22148

TK-375

CI-Kits

CI-KIT2

CI-KIT

The CI kit provides all the tools that a telecommunications technician needs for day-to-day activities. Included in the kit is an S814 impact tool with 66 and 110 termination blades, a probe pic, electricians scissors, mini flathead screwdriver, and a cpt –web cable preparation tool. These tools are stored in a handy , lightweight clip-on pouch which allows the installer to cut, strip, and terminate cabling without having to carry separate tools or larger tool kits.

Siemon's CI KIT2 builds upon the many benefits of the standard CI KIT but is larger to fit the popular AllPrep Cable preparation tool in place of the cpt-web tool, and a "D-ring" has been added to carry additional tools. These tools are stored in a lightweight clip-on pouch which allows the installer to cut, strip and terminate cabling without having to carry separate tools or larger tool kits.

CI-KIT	Siemon Tool Kit	**$158.00**
CI-KIT2	Siemon Tool Kit	**$193.75**

PRO Network/Telco Installer Kit

Kit Includes

- 30-696 Ratchet Telemaster™
- 35-485 Punchmaster™ II Punch Down Tool with 110 Blade
- 35-473 Probe Pick & Spudger
- 45-165 Coaxial Stripper, 3/16 Inch to 5/16 Inch
- 35-088 Electrician's Scissors w/Stripping Notch
- 35-497 Replacement Blade, Punchmaster™ II Turn-Lock™ Style 66 Blade
- 85-396 8-Position 8-Contact Round Solid, (RJ-45) (Package of 50)
- 35-535 Mechanic's Tool Bag

33-506	PRO Network/Telco Installer Kit	**$182.25**

Master Series Network Service Kit

Kit Includes

- 30-696 Ratchet Telemaster™
- 35-485 Punchmaster™ II Punch Down Tool with 110 Blade
- 35-473 Probe Pick & Spudger
- 45-165 Coaxial Stripper, 3/16 Inch to 5/16 Inch
- 35-093 Cable Splicing Kit
- 35-497 Replacement Blade, Punchmaster™ II Turn-Lock™ Style 66 Blade
- 62-200 LinkMaster™ Tester
- 35-908 7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver
- 33-864 Tone Generator and Amplifier Probe Kit
- 62-096 Smart6™ Modular Tester
- 45-719 Kinetic T-Stripper/Tel Crimp Tool
- 85-396 8-Position 8-Contact Round Solid, (RJ-45) (Package of 50)
- 35-410 Large Mouth Bag - 13 in. long

33-706	Master Series Network Service Kit	**$400.95**

DataReady PRO Kit

A complete data cable installation kit providing everything to support the installer using commonly-available connectors, and punchdown termination blocks. All tools contained in a professional-quality, soft-sided zipper case with heavy-duty wrist strap.

Kit Contains:

- Data SureStrip™ Cat5e, Cat6, Phone Cutter/Stripper
- Untwist Tool
- Ergonomic CrimpALL/8000 Crimper Frame Only
- RJ45 WE/SS Die (8P8C)
- RJ11/12 WE/SS Die (6P6C, 6P4C, 6P2C)
- RJ22 Handset WE/SS Die (4P4C)
- RJ45 AMP Die (8P8C)
- RJ11 AMP DEC-MMJ Offset Die (6P6C)
- SurePunch® Pro PDT Handle & Light
- 110/66 Blade - SurePunch® & SurePunch® Pro PDTs
- Double 110 Blade-SurePunch® & SurePunch® Pro
- LAN ProNavigator™ Tester 1543

PA901378	DataReady® PRO Kit	**$39.00**

Telecom Tool Kits

Fluke Networks' Electrical Contractor Telecom Kits are comprised of industry standard telecommunications tools and test equipment. Contents include: D®814 Impact Tool, Cable Stripper, Probe Pic, Electrican's D-Snips™, Standard 4-wire Modular Adapter and EverSharp® 66/110 cut blade. Soft carrying case included for easy organization.

- Choose either kit I with TS®30 Test Set or kit II with Pro3000™ Analog Tone & Probe
- D814™ industry standard punchdown tool for reliable terminations
- EverSharp™ 66/110 Cut Blade provides flexibility for different block and jack terminations
- Cable Stripper quickly rings and slits many types of cable
- Use the Probe Pic to check for loose or damaged connections
- Cut and strip wire cleaner and faster with the Electricians' D-Snips™
- Connect to jacks for testing with the Standard 4-Wire Modular Adapter
- A soft zippered pouch keeps your tools all in one convenient place

11290000

11289000

11290000	Electrical Contractor Telecom Kit I (with TS®30 Test Set)	**$330.00**
11289000	Electrical Contractor Telecom Kit II (with Pro3000™ Analog T&P Kit)	**$232.00**

Ultimate Tool Kits

Part #	Description	PA4932	PA4933	PA4934	PA4938	PA4939
PA900265	KT8 Professional Cutter	•	•			•
PA1116	Data SureStrip	•	•	•		
PA1257	LC CST CATV	•	•			
PA1555	SealTite Pro Crimper	•				•
PA1780	Butt Set				•	
PA1556	All-in-One Data & Phone Tool (WE/SS-style)	•			•	
PA8000	Ergonomic CrimpALL8000 Crimper Frame Only		•	•		
PA2061	RJ45 WE/SS Die for CrimpALL 800/1300 Series			•		
PA2062	RJ11/12 WE/SS Die, CrimpALL 8000/1300 Series		•	•		
PA2063	RJ22 Handset Die for CrimpALL 8000/1300 Series			•		
PA2064	RJ45 AMP Die for CrimpALL 8000/1300 Series			•		
PA2067	RJ11 DEC-MMJ Die, CrimpALL 8000/1300 Series			•		
PA2687	Dies for Crimp ALL 8000 & 1300 Series RJ45 & CATV		•			
PA3589	SurePunch Pro PDT Handle Only	•	•	•		
PA4571	110/66 Blade - SurePunch & Pro PDTs			•		
PA4572	110 Blade for SurePunch & Pro PDTs	•	•			
PA4573	66 Blade - SurePunch & Pro PDTs	•	•		•	
PA4574	BIX Blade for SurePunch & Pro PDTs	•				
PA4575	Krone LSA Blade for SurePunch & Pro PDTs	•				
PA4591	Double 110 Blade-SurePunch & Pro	•		•		
PA4599	SurePunch Pro PDT Detachable Light	•				
PA1543	LAN Pro Navigator Tester	•	•	•		
PA1573	Tone & Probe Plus Cable Check	•			•	
PA1594	LAN & A/V Cable-Check - 1594					•
PA1821	AM 35 Round Cable Slitter (1 - 1.4")					•
PA1119	SmartHome Data SureStrip					•
PA1907	BNC Extraction Tool					•
PA1908	CATV					•
PA1280	CST Pro Coax Stripper 3-Level (Green Cassette)					•
PA2281	CST Pro Replacement Blade Orange					•
PA2282	CST Pro Replacement Blade Black					•
PA2283	CST Pro Replacement Blade Blue					•
PA9645	RG59 Compression Cable TV F Connectors - 50pk					•
PA9714	RG6/6Q Compression RCA Connectors - 10pk					•
PA9715	RG6/6Q Compression BNC Connectors - 10pk					•
PA1900	Can Wrench	•				•
PA9546	RJ45 WE/SS 8P8C Modular Plugs (Cat5 & E) 10pk				•	
PA1902	RJ45 Modular adapter (8-Way)	•	•		•	
PA9520	RJ11 WE/SS 6P6C Modular Plugs - 10 Pack				•	
PA1903	RJ11 Adapter				•	
PA1923	Untwist Tool	•		•		
PA1927	Flaring Tool for CATV "F": RG6,RG6Q & RG59	•				•
PA9546	Twisted Pair Modular Connectors	•				
PA901074	CATV "F" (female) to BNC (male) Adapter	•	•			
PA4941	GripPack Quick Release PDT Holder				•	
PA4923	Ultimate Tool Bag	•	•	•		

4932

4933

4934

4938

4939

PA4932	Ultimate Technician Tool Kit	**$499.00**
PA4933	Ultimate Premise Service Kit	**$385.00**
PA4934	Ultimate DataReady Pro Kit	**$329.00**
PA4938	Ultimate Telco Technician Tool Kit	**$450.00**
PA4939	Ultimate Coax Compression Tool Kit	**$445.00**

- Contains the tools for installing & testing a Cable TV system
- Cable TV tone test set uses both electromagnetic and electrostatic pickup to tone through splitters, directional couplers and taps
- Durable Cordura Plus zipper case protects and organizes tools & includes a see-through pouch for connectors
- Outside pockets provide convenient storage of instruction manuals or worksite documents

Includes: Kit Contents May Be Purchased Separately: 45482 Cable Cutter, 45578 Kwik Stripper CATV Stripper, 2 Level Stripper For RG6, RG59, RG7, RG11, 46801 Kwik Cycle 9.000 Crimp Frame with Die Set for F-style Connectors on RG6 and RG59 Cable, 45516F Connector Ins

45467	CATV Coax Termination & Test Kit	**$310.00**

Paladin's biggest data, voice, and coaxial LAN installation kit provides everything for twisted pair and coaxial cable installation. All tools contained in a professional blow-mold case complete with form-fitting foam.

Includes: KT 8 Professional Round Cable Cutter (Max: 6 AWG), Data SureStrip™ Cat5e, Cat6, Phone Cutter/Stripper, LC CST Coax Stripper 2-Level (RG59/6/6 Quad: .157), Ergonomic CrimpALL/8000 Crimper Frame Only, RJ45 WE/SS & CATV F Die, RJ11/12 WE/SS Die (6P6C, 6P4C, 6P2C), SurePunch® Pro PDT Handle & Light, 110 Blade for SurePunch® & SurePunch® Pro PDTs, 66 Blade - SurePunch® & SurePunch® Pro PDTs, LAN ProNavigator™ Tester, Tone & Probe, RJ45 Modular adapter (8-Way), CATV-F (Female) to BNC (Male) Adapter - 1 piece

PA901039	Premise Service Kit	**$387.31**

- Includes the tools and connectors necessary for installing a voice and data network.
- Durable Cordura® Plus zipper case protects and organizes tools and includes a see-through pouch for storing connectors.
- Outside pockets provide convenient storage of instruction manuals or work site documents.

Includes: Zipper Case, Cable Cutter, Kwik Stripper Twisted Pair Stripper, Punchdown Tool with 110 Blade, 66 style Punchdown Blade, Telephone Ratchet Crimper for 4-6 and 8 Position Modular Plugs, 50 RJ45 Connectors, & 50 RJ12 Connectors

45469	Voice and Category 5 Data Termination Kit	**$280.00**

- Includes the tools, connectors and testers necessary for installing a Cat 5 data network.
- Durable Cordura Plus zipper case protects and organizes tools and includes a see-through pouch for storing connectors.
- Outside pockets provide convenient storage of instruction manuals or work site documents.

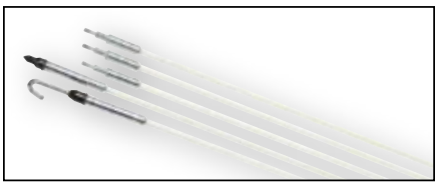
Includes: Zipper Case, ,Cable Cutter, Kwik Stripper Twisted Pair Stripper, Punchdown Tool with 110 Blade, Telephone Ratchet Crimper for 4-6 and 8 Position Modular Plugs, 50 RJ45 Plugs, 468T Modular Cable Tester Transmitter, & 468R Modular Cable Tester Receiver

45470	Category 5 Data Termination and Test Kit	**$325.00**

Fishing Poles / Stix

Fish Poles

Fish Stix



Glo Stix

Fish Poles Features:

- Designed specifically for pushing and pulling wires over long distances.
- Push or pull wires over suspended ceilings, or crawl spaces and in attics.
- Non-conductive, high-impact construction.
- Specialized hook can be used to install wires in suspended ceilings.
- Velcro strap secures pole when in collapsed position.
- Self-contained, no loose parts.
- Lightweight design to minimize fatigue.

Glo-Stix Features:

- Luminescent fiberglass rods glow in the dark to make fishing voice, data and video wires easier in dark spaces, such as above ceilings, and in walls.
- More flexible for fishing in walls through outlet box holes.
- Sturdy, steel-threaded connectors are interchangeable with Green- lee - 1/4" Fish Stix.
- Clear, non-metallic storage tube keeps Glo Stix charged.

02268/FP12	Fish Pole 12'	**$50.69**
10442/FP18	Fish Pole 18'	**$77.65**
10443/FP24	Fish Pole 24'	**$131.50**

Fish Stix Features:

- 1/4" (6.4 mm) diameter fiberglass rods provide added rigidity when multiple sections are connected.
- 200 lbs. (0.9 kN) minimum pulling strength.
- Two different threaded tips accommodate various bundles of wire or cable.
- 540-24 includes one 3' Glo Stix™ section for improved tip visibility.
- 540-12 includes (3) 4' fish stix sections
- 540-24 includes (3) 6' fish stix sections and (1) 3' fish stix section
- 200 lbs. maximum pulling strength.
- 540-6: Kit includes a bullet nose and "J" hook threaded tips, packaged in a plastic tube
- 540-15: Kit with fixed bullet nose on both ends

540-12	12' Greenlee Fish Stix	**$43.05**
540-24	24' Greenlee Fish Stix	**$75.93**
540-6	Glo Stix 6' (4.0 mm x 1.8 m)	**$18.95**
540-15	Glo Stix 15' (4.7 mm x 4.6 m)	**$48.55**

Used for general fishing in conduit
- Maximum durability
- Improved low profile tip for easy fishing through all sizes of conduit
- Available in 50', 65', 125' and 240' length
- 1/8", 1/4" and flat steel profiles to accommodate different fishing situations

All MagnumPRO Fish Tapes Feature:
- Comfort grip & rugged case design
- Superior rapid grip tape payout and rewind
- Viewing ports to see amount of tape in case and allow quick debris removal.

Oil-Tempered Spring Steel MagnumPRO Fish Tape		
FTS438-65	1/8" x 65' Steel Fish Tape	**$31.70**
RS438-65	1/8" x 65' (No Case) Replacement Steel Fish Tape	**$20.95**
FTS438-125	1/8" x 125' Steel Fish Tape	**$57.25**
RS438-125	1/8" x 125' (No Case) Replacement Steel Fish Tape	**$35.20**
FTS438-240	1/8" x 240' Steel Fish Tape	**$79.25**
RS438-240	1/8" x 240' Replacement Steel Fish Tape	**$52.50**
FTS438W-100	1/4" x 100' Steel Fish Tape	**$63.50**
RS438W-100	1/4" x 100' (No Case) Replacement Steel Fish Tape	**$43.48**
S438W-200	1/4" x 200' (No Case) Steel Fish Tape	**$74.25**
438-5H	1/8" x 50' Steel Fish Tape	**$20.25**
438-2X	1/4" x 25' (Flat Steel Tape) Steel Fish Tape	**$13.15**
R438B	Swivel Ball Head for use with 1/8" Steel Fish Tapes	**$12.50**
R438-BM	Ball Tip Male Half	**$8.10**
439-1	12" Flexible Fish Tape Leader	**$21.15**

Used in proximity to energized lines and more flexible than steel
- Non-conductive, curl-resistance nylon tape for fast clean fishing
- Good for fishing in conduit with wire or cable present
- Available in 50' and 100' lengths

All MagnumPRO™ Fish Tapes Feature:
- Comfort grip and rugged case design
- Superior rapid grip tape payout and rewind
- Viewing ports to see amount of tape in case and allow quick debris removal

Nylon MagnumPRO Fish Tape		
FTN536-50	3/16" x 50' Nylon Fish Tape	**$91.65**
RN536-50	3/16" x 50' (No Case) Replacement Nylon Tape	**$72.65**
FTN536-100	3/16" x 100' Nylon Fish Tape	**$95.00**
RN536-100	3/16" x 100' (No Case) Replacement Nylon Tape	**$85.00**

The new SmartMARK™ fish tapes increase productivity with the laser etched distance markings, SpeedFlex® leader and rugged, advanced, no-bump, flared comfort grip with superior rapid pay-out and rewind capability.

Whether you need to fish a few feet or up to 250 feet, our SmartMark™ steel fish tapes with SpeedFlex leader allow you to fish farther and know how far you have fished, in both feet and meters, improving productivity by saving time with the elimination of a separate measuring step in the installation process. The SmartMARK steel fish tape offering provide the best choices needed to get your fishing job done faster and easier.

SmartMARK Laser Etched Fish Tapes with SpeedFlex Leaders		
FTS438DL-150	SmartMARK™ 150' Laser Etched Steel Fish Tape with SpeedFlex® Leader	**$65.00**
FTS438DL-250	SmartMARK™ 250' Laser Etched Steel Fish Tape with SpeedFlex® Leader	**$79.00**

Used in general fishing in conduit and harsh environmental situations
- Corrosion free stainless steel tape for maximum life
- Fish further & faster w/Speed Flex Leader
- Available in 100' and 200' lengths
- Replaceable Speed Flex Leader

All MagnumPRO Fish Tapes Feature:
- Comfort grip and rugged case design
- Superior rapid grip tape payout and rewind
- Viewing ports to see amount of tape in case and allow quick debris removal

Stainless Steel MagnumPRO Fish Tape		
FTSS438-100	1/8" x 100' Stainless Steel Fish Tape	**$65.31**
RSS438-100	100' (No Case) Replacement Stainless Steel Tape	**$50.69**
FTSS438-200	1/8" x 200' Stainless Steel Fish Tape	**$85.25**
RSS438-200	200' (No Case) Replacement Stainless Steel Tape	**$70.13**
439-2	12" SPEED FLEX Leader (Solder Joint)	**$14.65**

More flexible than steel, stronger than fiberglass or nylon and slips through later and vertical bends in the same run
- Multi-strand cable for maximum flexibility
- Available in 50' and 100' lengths

All MagnumPRO™ Fish Tapes Feature:
- Comfort grip and rugged case design
- Superior rapid grip tape payout and rewind
- Viewing ports to see amount of tape in case and allow quick debris removal

Flexible Steel Cable MagnumPRO Fish Tape		
FTFS439-50	3/16' x 50' - Flexible Steel Fish Tape	**$91.65**
FTFS439-100	3/16" x 100' - Flexible Steel Fish Tape	**$147.15**
FS439-100	3/16" x 100' Double Tip (No Case) Flexible Tape	**$109.35**

Used in proximity to energized lines and where good flexibility is desired
- Non-conductive fiberglass tape w/patented low-friction coating for faster fishing
- Perfect for fishing in conduit with wire or cable present
- Available in 50', 100', 200', and 250'

All MagnumPRO™ Fish Tapes Feature:
- Comfort grip and rugged case design
- Superior rapid grip tape payout and rewind
- Viewing ports to see amount of tape in case and allow quick debris removal

Fiberglass MagnumPRO Fish Tape		
FTF540-50	11/64" x 50' - Fiberglass Fish Tape	**$135.40**
FTF540-100	11/64" x 100' - Fiberglass Fish Tape	**$183.95**
RF540-100	11/64" x 100' (No Case) - Replacement Tape	**$150.00**
542-150	3/16" x 150' (In Reel Stand) - Fiberglass Fish Tape	**$430.75**
05156	3/16" x 150' (No Case) - Replacement Fish Tape	**$235.00**
542-200	3/16" x 200' (In Reel Stand) - Fiberglass Fish Tape	**$529.71**
05157	3/16" x 200' (No Case) - Replacement Fish Tape	**$310.00**
542-250	3/16" x 250' (In Reel Stand) - Fiberglass Fish Tape	**$612.36**
05158	3/16" x 250' (No Case) - Replacement Fish Tape	**$385.00**
10565	Pull Eye Repair Kit (Pulling Eye and Adhesive)	**$22.70**
35750	Accessory Kit for 3/16" Fish Tapes (Flexible pulling leader, flexible pushing leader, pulling eye, splice ferrule and threaded ferrule)	**$125.00**
35908	1/8" (3mm) Repair Kit (Threaded end ferrule, splice ferrule, and pulling eye)	**$38.17**
35909	3/16" (4.7mm) Repair Kit (Kit Includes: threaded end ferrule, splice ferrule, and pulling eye)	**$42.00**
35919	1/8" (3mm) Pulling Eye	**$11.35**
35930	3/16" (4.7mm) Pulling Eye	**$13.25**

F-Connectors

- Approved for use by most cable TV & satellite companies.
- RF signal contains strong signal.
- Connections do not come loose.
- Provides superior durability in all climates compared to other manufactures' connectors.

89-211	RG-11, Dual Shield Compression Connectors, 10Pk	**$51.95**
92-610	RG-59 Compression F-Connectors Jar of 50	**$35.75**
92-650	RG-6 Compression F-Connectors Jar of 50	**$33.75**
92-656	RG-6 Compression F-Connectors Jar of 100	**$62.98**
92-660	RG-6 Plenum Compression F-Connectors Jar of 50	**$50.50**

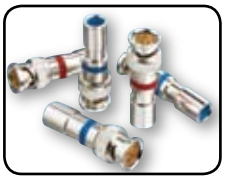
Paladin Tools

Waterproof CATV "F" compression connectors for digital cable, satellite, and cable modems. Works with HDTV!

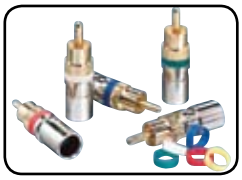
- Quick & Easy assembly
- Compression-type for indoor or outdoors
- Works with HDTV & digital cable
- For satellite, CATV, cable modems, video, & UHF

PA9645	Sealtite F Connectors RG59 - Jar of 50	**$29.99**
PA9646	Sealtite F Connectors RG6 - Jar of 50	**$29.99**
PA9647	Sealtite F Connectors RG6 Quad - Jar of 50	**$29.99**

BNC & RCA Connectors



BNC



RCA

- Constructed of nickel plated brass & gold plated head.
- Easily installs onto RG6 & RG59 cable.
- HDPE adapter sleeve & inner "O" ring provide double protection.
- Compatible with 30-603 & 30-793 OmniSeal Compression tools.

89-047	BNC RG-59 Compression Connectors 15pk	**$34.55**
89-5047	BNC RG-59 Compression Connectors 35	**$74.30**
89-048	BNC RG-6 Compression Connectors 15 pk	**$34.55**
89-5048	BNC RG-6 Compression Connectors 35	**$74.30**
89-572	RG59 RCA Compression Connectors 10pk	**$23.15**
89-570	RG59 RCA Compression Connectors 35	**$69.45**
89-582	RG6 RCA Compression Connectors 10pk	**$23.15**
89-580	RG6 RCA Compression Connectors 35	**$69.45**

Compression Kits

SealTite Pro Kit

Paladin Tools

Includes all the tools you need to prepare the cable and terminate any compression connector using RG59, RG6 or RG6 Quad shield cables.

- KT 8 Cutter
- LC CST CATV Stripper
- RG6 CATV Flaring Tool
- SealTite Pro Crimper
- SealTite RG6/Quad (10) Connectors

PA4910	Paladin Tool SealTite Pro Kit	**$103.10**

Basic Compression Kit

- Economy Compression Tool
- Data T-Cutter
- Coax Stripper
- RG59 connectors: 10
- RG6 Quad connectors: 10
- RG6 connectors: 10

33-620	Basic Compression Kit	**$93.70**

Service Compression Kit

- RG6 universal connectors: 50
- RG6 universal plenum connectors: 10
- RG59 BNC connectors: 10
- RG6 BNC connectors: 10
- OmniSeal Compression tool
- Port Seal
- Data T-Cutter
- RG6 Stripmaster
- RG6 Quad blade

33-630	Service Compression Kit	**$340.00**

Compression Tools

Compression Tool, F-Connector

- Compresses Series 6 & 59 coax compression connectors.
- Connection never comes loose.
- Adjustable nesting fixture accommodates a variety of connectors.

30-633	**$24.05**

OmniSeal™ Pro Compression Tool

- Connects RG6, RG Quad Shield, RG59, *(33-793 also works on BNC)* & compression F-Type coaxial cables.
- Fast & reliable solution to home theatre, CATV, satellite & security applications.
- Works with most compression connectors.

30-793	**$79.99**

SealTite Pro Crimper

Paladin Tools

Crimps linear "F", BNC, RCA, & compression connectors for RG59, RG62AU, RG6 & Quad cables.

PA1555	**$58.95**

Coax Flaring Tools

- Flare the shield braid back from the dielectric without nicking your finger.
- Attachment tool enables you to hold the connector comfortably to insert onto cable.
- One year warranty.

PA1927	Cable TV "F" Flaring & Attachment Tool	**$8.75**

- Works on RG59 and RG6/6 Quad Cable.
- Flares shield away from center dielectric.
- Saves time on CATV and satellite installations.
- One year warranty.

PA1917	RG59/RG6/RG6 Quad Flaring Tool	**$13.00**

BNC/F-Connector Tool

- Comfortable driver-style plastic handle.
- One-year warranty.
- 1908 - Use the hex socket to easily remove & insert connectors.

PA1907	BNC Extraction Tool 8"	**$13.99**

- Combines a 7/16 in. hex Socket & 3/8-32 threaded end.
- Holds F-connector during insertion to ease seating against dielectric.

35-046	F-Connector Tool	**$24.95**